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COMPREHENSIVE INTERNATIONAL WIRE TABLES FOR ELECTRIC CONDUCTORS.

COMPILED BY

WILFRID S. BOULT, A.M.I.C.E.

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THE

COMPREHENSIVE INTERNATIONAL

WIRE TABLE.

COMPILED BY

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Assoc. M. Inst. C.E.

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PREFACE.

IN this table, single wires and cables, ranging from 2·26 ins. to ·001 in. in diameter, and including the Board of Trade Standard, the Birmingham, the Brown and Sharpe, and the Metric Gauges, are, to the number of 469, arranged in consecutive order according to cross-section; so that, when any conductor is looked up, it is at once seen what are the nearest sizes in the other gauges: any No. of any one of the gauges named, single wire or cable, can be readily found. Moreover, as in regard to each of the 469 conductors full particulars are given as to cross-section, gauge, weight, and resistance, in English, American, and Continental units, this one table supplies the place of the various independent ones which have hitherto had to be consulted when dealing with Foreign Specifications, and possesses the further advantage that the particulars of the different gauges are all worked out on the same basis; thus, instead of having the resistance in one case calculated, say, for pure copper per 100 yards at 70° Fah., and in the other for 95 % pure copper per 1,000 feet at 15° C., we find the two Conductors compared under identical conditions. The resistances given are throughout the table based on Matthiessen's standard, viz., pure copper 0·0625 inch diar. = 13·59 ohms per mile at 60° Fah. or 15·5° C. Weights are calculated for a specific gravity of 8·884.

The India Rubber, Gutta Percha and Telegraph Works Co., Ld., have kindly allowed some of the figures relating to Standard Gauge Cables to be taken from their published table. To allow for the lay of the strands in the case of other cables, suitable percentages have been added to the nett aggregate cross-section of the wires, so that a very close approximation is arrived at. The thanks of the Compiler are also due to Messrs. Walter T. Glover & Co., of Manchester, for courteous assistance rendered.

By kind permission of Mr. A. E. Kennelly, his published figures in regard to the heating of insulated and bare conductors are incorporated in their proper places in the table, and thus form a most valuable addition. A *rise* of 10° Centigrade with normal current, the limit adopted by Mr. Kennelly, may be taken as practically equal to the limit prescribed by the Institution of Electrical Engineers, viz., temperature with double normal current shall not exceed 150° Fah. Mr. Kennelly's formulae for insulated conductors enclosed in wooden casing are:—

$$\text{Current in Ampères} = d^{\frac{3}{2}} \times \begin{cases} 560 & \text{if } d \text{ be expressed in inches.} \\ 0{\cdot}01775 & \text{,, ,, mils.} \\ 138 & \text{,, ,, centimètres.} \\ 4{\cdot}375 & \text{,, ,, millimètres.} \end{cases}$$

And, reciprocally,

$$d = C^{\frac{2}{3}} \times \begin{cases} 0{\cdot}0147 & \text{if } d \text{ be expressed in inches.} \\ 14{\cdot}7 & \text{,, ,, mils} \\ 0{\cdot}0374 & \text{,, ,, centimètres.} \\ 0{\cdot}374 & \text{,, ,, millimètres.} \end{cases}$$

The formulae for bare wires out of doors are much more cumbersome.

Great pains have been taken throughout to ensure accuracy in this table, but no liability can be accepted by the compiler in the event of an error being discovered.

LIVERPOOL, *September*, 1890.

BOULT'S COMPREHENSIVE WIRE TABLE.

		1	2	3
	DIAMETER.			
Diameter of conductor (or equivalent solid conductor), in inches	Solid Φ ins.	2·26	2·11	1·95
„ „ „ „ in millimètres	„ Φ m/m.	57·40	53·59	49·53
„ cable in inches	Cable Φ ins.			
„ „ millimètres	„ Φ m/m.			
	AREA.			
Sectional Area.—Square inches	□ ins.	4·0115	3·4967	2·9865
Circular mils.	⊙ mils.	5107600	4452100	3802500
Square centimètres	□ c/m.	25·88	22·56	19·27
Circular millimètres	⊙ m/m.	3294·91	2872·05	2452·99
	GAUGE.			
Gauge.—Board of Trade Standard (St'd.), Birmingham (B'm.), Brown & Sharpe (B.S.), Metric (Met.)	Gauge Name			
Gauge number	„ No.			
	WEIGHT.			
Weight.—Lbs. per 1000 feet	Lbs. per 1000 ft.	15450·5	13467·6	11502·6
Feet per pound	Ft. per lb.	·064723	·074252	·086937
Grammes per mètre (kilogrammes per kilomètre)	Grms. per m.	22993	20042	17118
Mètres per kilogramme	M. per kgm.	·043491	·049894	·058418
	CURRENT.			
Current.—@ 1000 Ampères per square inch	1000 A per □ in.	4011	3497	2986
„ 200 „ „ centimètre	200 A □ c/m.	5176	4512	3854
„ 1000 Circular mils. per ampère	1000 ⊙ mils. p. A.	5107	4452	3802
	RESISTANCE.			
Resistance, in Ohms; or Loss per Ampère, in Volts. per 1000 feet @ 60° Fah., or 15·5° C., Conductivity 98 °/o of pure copper	ω per 1000 ft.	·0020086	·0023044	·0026980
„ pound „ „ „ „ „	ω per lb.	·00000013000	·00000017111	·00000023456
„ kilomètre „ „ „ „ „ „	ω per k/m.	·0065900	·0075605	·0088519
„ kilogramme „ „ „ „ „	ω per k/grm	·00000028665	·00000037730	·00000051720
	HEAT, CASED.			
Heating of insulated conductors (98 °/o conductivity), laid in wood casing indoors, does not exceed 10° C., or 18° Fah., with current in ampères	10° C. = Amps.			
Current density of above.—Ampères per square inch	Amps. per □ in.			
Circular mils. per ampère	⊙ mils. per A.			
Ampères per square centimètre	A. per □ c/m.			
Fall of potential in the above at full load.—Volts per 1000 feet	V. per 1000 ft.			
„ kilomètre	„ k/m.			
	HEAT, BARE.			
Current, in ampères, in bare-overhead wire in calm weather, causing rise in temperature of 5° C. Bright	5° C. Br. = A.			
5° C. Blackened	5° C. Bl. „			
10° C. Bright	10° C. Br. „			
10° C. Blackened	10° C. Bl. „			
20° C. Bright	20° C. Br. „			
20° C. Blackened	20° C. Bl. „			
40° C. Bright	40° C. Br. „			
40° C. Blackened	40° C. Bl. „			

	4	5	6	7	8	9	10	11	12	
DIAMETER.										**DIAMETER.**
Solid Φ ins. ...	1·78	1·60	1·47	1·38	1·37	1·27	1·171	1·16	1·13	Solid Φ ins. ..
„ Φ m/m. ...	45·21	40·64	37·34	35·05	34·80	32·26	29·74	29·46	28·70	„ Φ m/m. ...
Cable Φ ins. ...							1·332			Cable Φ ins. ...
„ Φ m/m. ...							33·83			„ Φ m/m. ...
AREA.										**AREA.**
□ ins.	2·4885	2·0106	1·69717	1·4957	1·47411	1·26677	1·07779	1·05688	1·0000	□ ins. ... ...
⊙ mils.	3168400	2560000	2160900	1904400	1876900	1612900	1372286	1345600	1276900	⊙ mils. ... ...
□ c/m.	16·05	13·00	10·95	9·649	9·508	8·183	6·953	6·827	6·451	□ c/m. ... ...
⊙ m/m.	2055·55	1674·49	1394·00	1228·53	1210·79	1041·61	885·31	869·26	824·88	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...							B'm.			Gauge Name ...
„ No. ...							61/9			„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	9584·4	7744·0	6536·7	5760·8	5677·6	4879·0	4151·2	4070·4	3862·6	Lbs. per 1000 ft....
Ft. per lb. ...	·10434	·12913	·15298	·17359	·17613	·20496	·24089	·24568	·25889	Ft. per lb. ...
Grms. per m. ...	14263	11525	9727·9	8573·2	8449·4	7260·9	6177·6	6057·5	5748·3	Grms. per m. ...
M. per kgm. ...	·070112	·086770	·10278	·11664	·11835	·13772	·16187	·16509	·17396	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	2488	2011	1697	1495·7	1474·1	1266·8	1077·8	1056·8	1000·0	1000 A per □ in. .
200 A □ c/m. ...	3210	2600	2190	1929·8	1901·6	1636·6	1390·6	1365·4	1290·2	200 A □ c/m. ...
1000 ⊙ mils. p. A.	3168	2560	2161	1904·4	1876·9	1612·9	1372·3	1345·6	1276·9	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·0032380	·0040075	·0047477	·0053871	·0054661	·0063608	·0074761	·0076243	·0080530	ω per 1000 ft. ...
lb. ...	·00000033784	·00000051750	·00000072631	·00000093513	·00000096275	·0000013037	·0000018010	·0000018731	·0000020849	lb. ...
k/m. ...	·010624	·013148	·015577	·017675	·017934	·020869	·024528	·025014	·026421	k/m. ...
k/grm ...	·00000074494	·0000011411	·0000016015	·0000020619	·0000021229	·0000028747	·0000039712	·0000041302	·0000045972	k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...			1000		900	800		700		10° C. = Amps. ...
Amps. per □ in. .			589·22		610·54	631·53		662·33		Amps. per □ in. .
⊙ mils. per A. ...			2160		2080	2020		1920		⊙ mils. per A. ...
A. per □ c/m. ...			91·324		94·657	97·764		102·53		A. per □ c/m. ...
V. per 1000 ft. ...			5·21		5·39	5·58		5·85		V. per 1000 ft. ...
„ k/m. ...			17·1		17·7	18·3		19·2		„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
Bl. „ ...										Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
Bl. „ ...										Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
Bl. „ ...										Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
Bl. „ ...										Bl. „ ...

	13	14	15	16	17	18	19	20	21	
DIAMETER.										**DIAMETER**
Solid ⦶ ins. .	1·061	1·049	1·00	·988	·95	·950	·944	·928	·90	Solid ⦶ ins. ...
„ ⦶ m/m. ...	26·95	26·64	25·40	25·10	24·13	24·13	24·00	23·57	22·86	„ ⦶ m/m. ...
Cable ⦶ ins. ...	1·206					1·080				Cable ⦶ ins. ...
„ ⦶ m/m. ...	30·63					27·43				„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·88353	·86394	·7854	·76663	·70882	·70856	·699898	·676378	·636174	□ ins. ... ...
⊙ mils.	1124943	1100401	1000000	976144	902500	902160	891136	861184	810000	⊙ mils. ... ...
□ c/m.	5·700	5·581	5·067	4·946	4·578	4·5712	4·515	4·363	4·104	□ c/m. ... ...
⊙ m/m.	725·74	709·91	645·14	629·74	582·24	582·02	574·91	555·58	522·56	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.					B'm.				Gauge Name ...
„ No. ...	61/10					61/11				„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	3403·0	3328·7	3025·0	2952·8	2730·1	2729·0	2695·7	2605·08	2450·25	Lbs. per 1000 ft....
Ft. per lb. ...	·29386	·30042	·33058	·33866	·36629	·36643	·37096	·38386	·40811	Ft. per lb. ...
Grms. per m. ...	5064·2	4953·7	4501·8	4394·3	4062·9	4061·2	4011·7	3876·9	3646·4	Grms. per m. ...
M. per kgm. ...	·19746	·20187	·22214	·22757	·24613	·24622	·24927	·25794	·27423	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	883·5	863·94	785·4	766·6	708·8	708·6	699·9	676·4	636·2	1000 A per □ in. .
200 A □ c/m. ...	1140·0	1116·2	1013·4	989·2	914·6	914·2	903·0	872·6	820·8	200 A □ c/m. ...
1000 ⊙ mils. p. A.	1124·9	1100·4	1000·0	976·1	902·5	902·2	891·1	861·2	810·0	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·0091198	·0093232	·010259	·010510	·011367	·011372	·011518	·011918	·012666	ω per 1000 ft. ...
lb. ...	·0000026799	·0000028009	·0000033914	·0000035598	·0000041636	·0000041671	·0000042709	·0000045730	·0000051692	lb. ...
k/m. ...	·029921	·030588	·033659	·034482	·037294	·037311	·037773	·039085	·041556	k/m. ...
k/grm ...	·0000059092	·0000061760	·0000074780	·0000078483	·0000091807	·0000091885	·0000094173	·000010083	·000011398	k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...		600		550				500		10° C. = Amps. ...
Amps. per □ in. .		694·49		717·48				789·24		Amps. per □ in. .
⊙ mils. per A. ...		1840		1775				1720		⊙ mils. per A. ...
A. per □ c/m. ...		107·51		111·20				114·60		A. per □ c/m. ...
V. per 1000 ft. ...		6·16		6·34				6·52		V. per 1000 ft. ...
„ k/m. ...		20·2		20·8				21·4		„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...			740		688		680		632	5° C. Br. = A. ...
Bl. „ ...			780		720		710		662	Bl. „ ...
10° C. Br. „ ...			1030		960		950		890	10° C. Br. „ ...
Bl. „ ...			1080		1010		995		934	Bl. „ ...
20° C. Br. „ ...			1440		1340		1300		1230	20° C. Br. „ ...
Bl. „ ...			1520		1410		1370		1300	Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
Bl. „ ...										Bl. „ ...

	22	23	24	25	26	27	28	29	30	
DIAMETER										**DIAMETER.**
Solid ⦶ ins. ..	·897	·866	·865	·863	·85	·832	·825	·823	·811	Solid ⦶ ins. ...
„ ⦶ m/m. ...	22·78	22·00	21·97	21·92	21·59	21·18	20·96	20·90	20·60	„ ⦶ m/m. ...
Cable ⦶ ins. ...				·981			·938	·936	·922	Cable ⦶ ins. ...
„ ⦶ m/m. ...				24·92			23·82	23·7	23·40	„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·631939	·589015	·587655	·58461	·567451	·543672	·53449	·5319	·51597	□ ins. ... ...
⊙ mils.	804609	749956	748225	·744345	722500	692224	680532	677285	656948	⊙ mils. ... ...
□ c/m.	4·077	3·799	3·791	3·7715	3·661	3·507	3·4482	3·432	3·3287	□ c/m. ... ...
⊙ m/m.	519·08	483·83	482·70	480·20	466·11	446·58	439·04	436·91	423·82	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...				B'm.			B'm.	St'd.	Met.	Gauge Name ...
„ No. ...				61/12			37/10	61/12	61/26	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	2483·94	2268·61	2263·38	2251·6	2185·6	2094·0	2058·6	2048·6	1987·3	Lbs. per 1000 ft....
Ft. per lb. ...	·41086	·44080	·44181	·44413	·45754	·47756	·48577	·48814	·50319	Ft. per lb. ...
Grms. per m. ...	3622·2	3376·1	3368·3	3350·7	3252·6	3116·3	3063·5	3048·7	2957·5	Grms. per m. ...
M. per kgm. ...	·27608	·29620	·29688	·29844	·30745	·32090	·32642	·32801	·33812	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	631·9	589·0	587·65	584·6	567·4	543·7	534·5	531·9	516·0	1000 A per □ in
200 A □ c/m. ...	815·4	759·8	758·2	754·3	732·2	701·4	689·6	686·4	665·7	200 A □ c/m. ...
1000 ⊙ mils. p. A.	804·6	750·0	748·2	744·3	722·5	692·2	680·5	677·2	656·9	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·012751	·013680	·013711	·013783	·014200	·014821	·015076	·015149	·015617	ω per 1000 ft. ...
ω per lb. ...	·0000052389	0000060302	·0000060577	·0000061214	·0000064971	·0000070778	·0000073234	·0000073948	00000·78584	ω per lb. ...
ω per k/m. ...	·041835	·044883	·044985	·045221	·046589	·048626	·049463	·049702	·051238	ω per k/m. ...
ω per k/grm ...	·000011552	·000013297	·000013357	·000013498	·000014326	·000015607	·000016148	·000016306	·000017328	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...	475		450			425				10° C. = Amps. ...
Amps. per □ in. .	751·65		765 76			781·72				Amps. per □ in. .
⊙ mils. per A. ...	1690		1660			1630				⊙ mils. per A. ...
A. per □ c/m. ...	116·51		118 70			121·19				A. per □ c/m. ...
V. per 1000 ft. ...	6·65		6·74			6·92				V. per 1000 ft. ...
„ k/m. ...	21·8		22·1			22·7				„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...		586			580					5° C. Br. = A. ...
5° C. Bl. „ ...		624			608					5° C. Bl. „ ...
10° C. Br. „ ...		839			816					10° C. Br. „ ...
10° C. Bl. „ ...		880			862					10° C. Bl. „ ...
20° C. Br. „ ...		1160			1130					20° C. Br. „ ...
20° C. Bl. „ ...		1220			1190					20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	31	32	33	34	35	36	37	38	39	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins. ...	·806	·800	·792	787	·779	·766	·752	·75	·748	Solid ⌀ ins. ...
„ ⌀ m/m. ...	20·47	20·32	20·12	20·00	19·79	19·46	19·10	19·05	19·00	„ ⌀ m/m. ...
Cable ⌀ ins. ...	·917		·900		·886		·855		·850	Cable ⌀ ins. ...
„ ⌀ m/m. ...	23·29		22·86		32·50		21·72		21·60	„ ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·51030	·502656	·493160	·486452	·47646	·460838	·44408	·44178	·43940	□ ins. ... ...
⊙ mils.	650370	640000	627910	619369	606640	586756	565416	562500	559464	⊙ mils. ... ...
□ c/m.	3·2954	3·243	3·181	3·138	3·0738	2·973	2·8649	2·850	2·8347	□ c/m. ... ...
⊙ m/m.	419·58	412·89	405·09	399·58	391·37	378·54	364·77	362·89	360·93	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B.S.		B'm.		Met.		B'm.		Met.	Gauge Name ...
„ No. ...	61/10		19/7		61/25		61/13		61/24	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	1967·4	1936·0	1899·4	1873·6	1835·1	1774·9	1710·4	1701·6	1692·4	Lbs. per 1000 ft....
Ft. per lb. ...	·50828	·51653	·52648	·53373	·54493	·56341	·58466	·58768	·59088	Ft. per lb. ...
Grms. per m. ...	2927·9	2881·1	2826·7	2788·3	2731·0	2641·4	2545·3	2532·3	2518·6	Grms. per m. ...
M. per kgm. ...	·34154	·34709	·35377	·35864	·36617	·37859	·39287	·39490	·39705	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	510·3	502·7	493·2	486·4	476·5	460·8	444·1	441·8	439·4	1000 A per □ in. .
200 A □ c/m. ...	659·1	648·6	636·2	627·6	614·8	594·6	573·0	570·0	566·9	200 A □ c/m. ...
1000 ⊙ mils. p. A.	650·4	640·0	627·9	619·4	606·6	586·8	565·4,	562·5	559·5	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·015774	·016030	·016339	·016564	·016912	·017485	·018145	·018239	·018338	ω per 1000 ft. ...
ω per lb. ...	·0000080177	·0000082800	·0000086022	·0000088407	·0000092158	·0000098513	·000010609	·000010719	·000010836	ω per lb. ...
ω per k/m. ...	·051753	·052593	·053607	·054345	·055487	·057367	·059532	·059840	·060165	ω per k/m. ...
ω per k/grm ...	·000017679	·000018257	·000018968	·000019494	·000020321	·000021723	·000023393	·000023635	·000023893	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...		400				375				10° C. = Amps. ...
Amps. per □ in. .		795·77				813·73				Amps. per □ in. .
⊙ mils. per A. ...		1600				1570				⊙ mils. per A. ...
A. per □ c/m. ...		123·34				126·14				A. per □ c/m. ...
V. per 1000 ft. ...		7·14				7·16				V. per 1000 ft. ...
„ k/m. ...		23·1				23·5				„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...		530		517				480		5° C. Br. = A. ...
5° C. Bl. „ ...		556		544				506		5° C. Bl. „ ...
10° C. Br. „ ...		745		728				677		10° C. Br. „ ...
10° C. Bl. „ ...		786		765				715		10° C. Bl. „ ...
20° C. Br. „ ...		1030		1010				940		20° C. Br. „ ...
20° C. Bl. „ ...		1080		1060				988		20° C. Bl. „ ...
40° C. Br. „ ...		1440		1400				1296		40° C. Br. „ ...
40° C. Bl. „ ...		1510		1470				1370		40° C. Bl. , ...

	40	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	
DIAMETER										**DIAMETER.**
Solid ⦶ ins. ...	·739	·732	·728	·726	·718	·709	·707	·70	·697	Solid ⦶ ins. ..
„ ⦶ m/m. ...	18·77	18·59	18·49	18·44	18·24	18·00	17·96	17·78	17·70	„ ⦶ m/m. ...
Cable ⦶ ins. ...	·840		·828	·825	·816					Cable ⦶ ins. ...
„ ⦶ m/m. ...	21·34		21·0	20·95	20·74					„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·42864	·420836	·4162	·414393	·40516	·394806	·39250	·384846	·381554	□ ins. ... ...
⊙ mils.	545760	535824	529921	527620	515860	502681	499849	490000	485809	⊙ mils. ... ...
□ c/m.	2·7658	2·715	2·685	2·673	2·6138	2·546	2·532	2·483	2·467	□ c/m. ... ...
⊙ m/m.	352·09	345·71	341·87	341·91	33_·80	324·28	322·45	316·10	313·41	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.		St'd.	B'm	B.S.					Gauge Name ...
„ No. ...	37/11		61/13	19/8	61/11					„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	1650·9	1620·9	1603·0	1596·1	1560·5	1520·6	1512·0	1482·2	1469·6	Lbs. per 1000 ft....
Ft. per lb. ...	·60573	·61694	·62383	·62653	·64082	·65764	·66138	·67467	·68046	Ft. per lb. ...
Grms. per m. ...	2456·8	2412·2	2385·6	2375·3	2322·3	2262·9	2250·1	2205·8	2187·0	Grms. per m. ...
M. per kgm. ...	·40702	·41456	·41919	·42100	·43060	·44191	·44442	·45335	·45724	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	428·6	420·8	416·2	414·4	405·2	394·8	392·5	384·8	381·5	1000 A per □ in. .
200 A □ c/m. ...	553·1	543·0	537·0	534·6	522·8	509·2	506·4	496·6	493·4	200 A □ c/m. ...
1000 ⊙ mils. p. A.	545·8	535·8	529·9	527·6	515·9	502·7	499·8	490·0	485·8	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·018798	·019147	·019360	·019444	·019888	·020409	·020525	·020937	·021118	ω per 1000 ft. ...
ω per lb. ...	·000011387	·000011813	·000012077	·000012182	·000012745	·000013422	·000013575	·000014126	·000014370	ω per lb. ...
ω per k/m. ...	·061674	·062819	·063518	·063794	·065251	·066960	·067340	·068692	·069286	ω per k/m. ...
ω per k/grm ...	·000025108	·000026048	·000026630	·000026861	·000028103	·000029596	·000029933	·000031148	·000031686	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...		350							325	10° C. = Amps. ...
Amps. per □ in. .		831·68							851·78	Amps. per □ in. .
⊙ mils. per A. ...		1530							1490	⊙ mils. per A. ...
A. per □ c/m. ...		128·91							131·74	A. per □ c/m. ...
V. per 1000 ft. ...		7·34							7·53	V. per 1000 ft. ...
„ k/m. ...		24·1							24·7	„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...						443		434		5° C. Br. = A. ...
5° C. Bl. „ ...						465		456		5° C. Bl. „ ...
10° C. Br. „ ...						625		612		10° C. Br. „ ...
10° C. Bl. „ ...						660		626		10° C. Bl. „ ...
20° C. Br. „ ...						870		850		20° C. Br. „ ...
20° C. Bl. „ ...						910		893		20° C. Bl. „ ...
40° C. Br. „ ...						1190		1170		40° C. Br. „ ...
40° C. Bl. „ ...						1260		1240		40° C. Bl. „ ...

	49	50	51	52	53	54	55	56	57	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins. ...	·671	·660	·651	·65	·640	·631	·630	·630	·628	Solid ⌀ ins. ...
„ ⌀ m/m. ...	17·04	16·76	16·54	16·51	16·26	16·03	16·00	16·00	15 82	„ ⌀ m/m. ...
Cable ⌀ ins. ...	·763		·740		·728	·717		·713		Cable ⌀ ins. ...
„ ⌀ m/m. ...	19·38		18·80		18·4	18·20		18·12		„ ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·35366	·342120	·333402	·331831	·3217	·31213	·31165	·31136	·304836	□ ins. ... ...
⊙ mils.	450290	435600	424499	422500	409600	397419	396799	396440	388129	⊙ mils. ... ...
□ c/m.	2·2816	2·207	2·108	2·141	2·075	2·0137	2·0106	2·0087	1·966	□ c/m. ... ...
⊙ m/m.	290·50	281·01	273·80	272·55	264·25	256·39	255·99	255 76	250·38	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.		B'm.		St'd.	Met.		B. S.		Gauge Name ...
„ No. ...	37/12		19/9		37/12	37/26		37/10		„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	1362·1	1317·7	1284·1	1278·1	1239 0	1202 2	1200·3	1199 2	1174·1	Lbs. per 1000 ft....
Ft. per lb. ...	·73416	·75890	·77876	·78241	·80710	·83181	·83318	·83389	·85172	Ft. per lb. ...
Grms. per m. ...	2027·0	1961·0	1911·0	1902·1	1843·9	1789·1	1786·2	1784·6	1747·3	Grms. per m. ...
M. per kgm. ...	·49332	·50995	·52329	·52574	·54234	·55894	·55988	·56034	·57232	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	353·7	342·1	333·4	331·8	321·7	312·1	311·6	311·4	304·8	1000 A per □ in. .
200 A □ c/m. ...	456·3	441·4	421·6	428·2	415·0	402·7	402·1	401·7	393·2	200 A □ c/m. ...
1000 ⊙ mils. p. A.	450·3	453·6	424·5	422·5	409·6	397·4	396·8	396·4	388·1	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·022784	·023552	·024168	·024282	·025047	·025815	·025855	·025878	·026433	ω per 1000 ft. ...
ω per lb. ...	·000016727	·000017878	·000018821	·000018999	·000020215	·000021478	·000021540	·000021579	·000022518	ω per lb. ...
ω per k/m. ...	·074752	·077272	·079293	·079667	·082177	·084696	·084828	·084903	·086724	ω per k/m. ...
ω per k/grm ...	·000036883	·000039410	·000041500	·000041893	·000044574	·000047348	·000047496	·000047582	·000049641	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...		300							275	10° C. = Amps. ...
Amps. per □ in. .		876·88							902·12	Amps. per □ in. .
⊙ mils. per A. ...		1450							1410	⊙ mils. per A. ...
A. per □ c/m. ...		135·93							139·88	A. per □ c/m. ...
V. per 1000 ft. ...		7·71							7·98	V. per 1000 ft. ...
„ k/m. ...		25·3							26·2	„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...				390			375			5° C. Br. = A. ...
5° C. Bl. „ ...				410			393			5° C. Bl. „ ...
10° C. Br. „ ...				550			525			10° C. Br. „ ...
10° C. Bl. „ ...				580			553			10° C. Bl. „ ...
20° C. Br. „ ...				762			728			20° C. Br. „ ...
20° C. Bl. „ ...				802			765			20° C. Bl. „ ...
40° C. Br. „ ...				1050			1000			40° C. Br. „ ...
40° C. Bl. „ ...				1110			1060			40° C. Bl. „ ...

	58	59	60	61	62	63	64	65	66	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins. ..	·606	·600	·590	·585	·585	·582	·566	·559	·558	Solid ⌀ ins. ...
„ ⌀ m/m. ...	15·39	15·24	14·99	14·86	14·86	14·78	14·38	14·20	14·17	„ ⌀ m/m. ...
Cable ⌀ ins. ...	·689		·670		·665	·661	·644	·635	·634	Cable ⌀ ins. ...
„ ⌀ m/m. ...	17·50		17·02		16·89	16·80	16·3	16·13	16·10	„ ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·28823	·28274	·273309	·268783	·26864	·26582	·2516	·24510	·24432	□ ins. ... ...
⊙ mils.	366986	360000	347987	342225	342048	338447	320346	312069	311088	⊙ mils. ... ...
□ c/m.	1·8595	1·8241	1·763	1·735	1·7331	1·7149	1·623	1·5812	1·5762	□ c/m. ... ...
⊙ m/m.	286·76	282·25	224·48	220·77	220·67	218·34	206·67	201·32	200·69	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.		B'm.		B'm.	Met.	St'd.	B.S.	Met.	Gauge Name ...
„ No. ...	37/25		19/10		37/13	37/24	37/13	37/11	37/23	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	1110·1	1089·0	1052·66	1035·2	1034·7	1023·8	969·05	944·01	941·03	Lbs. per 1000 ft....
Ft. per lb. ...	·90082	·91827	·94994	·96600	·96646	·97675	1·0319	1·0593	1·0627	Ft. per lb. ...
Grms. per m. ...	1652·0	1620·6	1566·6	1540·6	1539·8	1523·6	1442·1	1404·9	1400·4	Grms. per m. ...
M. per kgm. ...	·60531	·61704	·63832	·64911	·64942	·65633	·69339	·71180	·71409	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	288·2	282·7	273·3	268·8	268·6	265·8	251·6	245·1	244·3	1000 A per □ in
200 A □ c/m. ...	371·9	364·8	352·6	347·0	346·6	343·0	324·6	316·2	315·2	200 A □ c/m. ...
1000 ⊙ mils. p. A.	367·0	360·0	348·0	342·2	342·0	338·4	320·3	312·1	311·1	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft....	·027955	·028498	·029482	·029978	·029994	·030313	·032025	·032875	·032979	ω per 1000 ft....
ω per lb. ...	·000025182	·000026169	·000028006	·000028959	·000028988	·000029608	·000033048	·000034825	·000035046	ω per lb. ...
ω per k/m. ...	·091718	·093499	·096727	·098355	·098407	·099454	·10507	·10786	·10820	ω per k/m. ...
ω per k/grm ...	·000055526	·000057703	·000061753	·000063855	·000063919	·000065286	·000072871	·000076789	·000077276	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...				250						10° C. = Amps. ...
Amps. per □ in. .				930·12						Amps. per □ in. .
⊙ mils. per A. ...				1370						⊙ mils. per A. ...
A. per □ c/m. ...				144·09						A. per □ c/m. ...
V. per 1000 ft. ...				8·17						V. per 1000 ft. ...
„ k/m. ...				26·8						„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...		349								5° C. Br. = A. ...
5° C. Bl. „ ...		367								5° C. Bl. „ ...
10° C. Br. „ ...		488								10° C. Br. „ ...
10° C. Bl. „ ...		514								10° C. Bl. „ ...
20° C. Br. „ ...		679								20° C. Br. „ ...
20° C. Bl. „ ...		714								20° C. Bl. „ ...
40° C. Br. „ ...		982								40° C. Br. „ ...
40° C. Bl. „ ...		990								40° C. Bl. „ ...

	67	68	69	70	71	72	73	74	75	
DIAMETER.										**DIAMETER.**
Solid ⏀ ins. ...	·551	·55	·545	·540	·533	·528	·511	·509	·504	Solid ⏀ ins. ..
„ ⏀ m/m. ...	14·00	13·97	13·84	13·72	13·54	13·42	12·98	12·93	12·802	„ ⏀ m/m. ...
Cable ⏀ ins. ...				·609	·606	·600	·581	·579		Cable ⏀ ins. ...
„ ⏀ m/m. ...				15·47	15·40	15·24	14·76	14·70		„ ⏀ m/m. ...
AREA.										**AREA.**
□ ins.	·238448	·2376	·233283	·228825	·22325	·219183	·20506	·20357	·199504	□ ins. ... ...
⊙ mils.	303601	302500	297025	291348	284250	279072	261093	259198	254016	⊙ mils. ... ...
□ c/m.	1·538	1·533	1·505	1·476	1·4403	1·414	1·3229	1·3133	1·287	□ c/m. ... ...
⊙ m/m.	195·85	195·14	191·61	187·95	183·38	180·03	168·44	167·22	163·87	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...				B'm.	Met.	B'm.	B'm.	Met.		Gauge Name ...
„ No. ...				7/6	37/22	19/11	37/14	37/21		„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	918·39	915·06	898·50	881·38	859·86	844·19	789·81	784·07	768·40	Lbs. per 1000 ft....
Ft. per lb. ...	1·0889	1·0928	1·1130	1·1346	1·1630	1·1846	1·2661	1·2754	1·3014	Ft. per lb. ...
Grms. per m. ...	1366·7	1361·8	1337·1	1311·6	1279·6	1256·3	1175·4	1166·8	1143·5	Grms. per m. ...
M. per kgm. ...	·73169	·73431	·74789	·76240	·78149	·79600	·85081	·85701	·87448	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	238·4	237·6	233·3	228·8	223·2	219·2	205·1	203·6	199·5	1000 A per □ in. .
200 A □ c/m. ...	307·6	306·6	301·0	295·2	288·1	282·8	264·6	262·7	257·4	200 A □ c/m. ...
1000 ⊙ mils. p. A.	303·6	302·5	297·0	291·3	284·2	279·1	261·1	259·2	254·0	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·033792	·033915	·034540	·035218	·036092	·036762	·039294	·039581	·040388	ω per 1000 ft. ...
lb. ...	·000036795	·000037063	·000038442	·000039954	·000041974	·000043547	·000049751	·000050482	·000052561	lb. ...
k/m. ...	·11087	·11127	·11332	·11553	·11841	·12061	·12893	·12986	·13251	k/m. ...
k/grm ...	·000081133	·000081724	·000084765	·000088099	·000092558	·000096021	·00010970	·00011131	·00011590	k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...			225						200	10° C. = Amps. ...
Amps. per □ in. .			964·50						1002·5	Amps. per □ in. .
⊙ mils. per A. ...			1320						1270	⊙ mils. per A. ...
A. per □ c/m. ...			149 50						155·40	A. per □ c/m. ...
V. per 1000 ft. ...			8·53						8·87	V. per 1000 ft. ...
„ k/m. ...			28·0						29·1	„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...	310	308								5° C. Br. = A. ...
Bl. „ ...	325	324								Bl. „ ...
10° C. Br. „ ...	432	430								10° C. Br. „ ...
Bl. „ ...	453	452								Bl. „ ...
20° C. Br. „ ...	602	599								20° C. Br. „ ...
Bl. „ ...	632	630								Bl. „ ...
40° C. Br. „ ...	816	825								40° C. Br. „ ...
Bl. „ ...	877	873								Bl. , ...

	76	77	78	79	80	81	82	83	84	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·500	·497	·493	·484	·480	·479	·472	·464	·461	Solid ⦶ ins. ...
„ ⦶ m/m. ...	12·700	12·624	12·522	12·29	12·192	12·167	11·989	11·786	11·709	„ ⦶ m/m. ...
Cable ⦶ ins. ...		·566	·560	·551	·545	·540				Cable ⦶ ins. ...
„ ⦶ m/m. ...		14·36	14·2	14·00	13·84	13·72				„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·19635	·19438	·1909	·18438	·180841	·179910	·174975	·169098	·166913	□ ins. ... ...
⊙ mils.	250000	247487	243061	234753	230254	229068	222784	215296	212521	⊙ mils. ... ...
□ c/m.	1·2668	1·2540	1·232	1·1895	1·167	1·161	1·129	1·0909	1·077	□ c/m. ... ...
⊙ m/m.	161·290	159·66	156·81	151·45	148·53	147·77	143·72	138·90	137·10	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	St'd.	B.S.	St'd.	Met.	B'm.	B'm.		St'd.		Gauge Name ...
„ No. ...	0000000	37/12	37/14	37/20	19/12	7/7		000000		„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	756·25	748·65	735·26	710·18	696·52	692·98	673·92	651·27	642·88	Lbs. per 1000 ft....
Ft. per lb. ...	1·3223	1·3357	1·3601	1·4082	1·4357	1·4431	1·4839	1·5355	1·5555	Ft. per lb. ...
Grms. per m. ...	1125·4	1114·1	1094·2	1056·8	1036·6	1031·2	1002·9	969·19	956·73	Grms. per m. ...
M. per kgm. ...	·88853	·89758	·91393	·94625	·96473	·96970	·99712	1·0318	1·0452	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	196·3	194·4	190·9	184·4	180·8	179·9	175·0	169·1	166·9	1000 A per □ in. .
200 A □ c/m. ...	253·4	250·8	226·4	237·9	233·4	232·2	225·8	218·2	215·4	200 A □ c/m. ...
1000 ⊙ mils. p. A.	250·0	247·5	243·1	234·8	230·3	229·1	222·8	215·3	212·5	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·041037	·041454	·042209	·043702	·044556	·044787	·046050	·047651	·048274	ω per 1000 ft. ...
ω per lb. ...	·00005426	·000055372	·000057407	·000061541	·000063969	·000064634	·000068332	·000073166	·000075090	ω per lb. ...
ω per k/m. ...	·13464	·13601	·13848	·14338	·14618	·14694	·15109	·15634	·15838	ω per k/m. ...
ω per k/grm ...	·00011965	·00012210	·00012658	·00013570	·00014105	·00014252	·00015067	·00016133	·00016557	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...									175	10° C. = Amps. ...
Amps. per □ in. .									1048·5	Amps. per □ in. .
⊙ mils. per A. ...									1210	⊙ mils. per A. ...
A. per □ c/m. ...									162·49	A. per □ c/m. ...
V. per 1000 ft. ...									9·29	V. per 1000 ft. ...
„ k/m. ...									30·5	„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...	268						245			5° C. Br. = A. ...
5° C. Bl. „ ...	282						257			5° C. Bl. „ ...
10° C. Br. „ ...	374						348			10° C. Br. „ ...
10° C. Bl. „ ...	393						360			10° C. Bl. „ ...
20° C. Br. „ ...	521						478			20° C. Br. „ ...
20° C. Bl. „ ...	548						501			20° C. Bl. „ ...
40° C. Br. „ ...	719						560			40° C. Br. „ ...
40° C. Bl. „ ...	761						600			40° C. Bl. „ ...

	85	86	87	88	89	90	91	92	93	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·460	·460	·458	·454	·45	·443	·443	·443	·439	Solid ⦶ ins. ...
„ ⦶ m/m. ...	11·684	11·684	11·633	11·532	11·430	11·252	11·25	11·252	11·151	„ ⦶ m/m. ...
Cable ⦶ ins. ...	·524		·520			·504	·504	·504	·495	Cable ⦶ ins. ...
„ ⦶ m/m. ...	13·30		13·2			12·80	12·80	12·8	12·573	„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·16654	·166191	·1647	·1618	·159044	·15431	·15413	·1541	·151174	□ ins. ... ...
⊙ mils.	212050	211600	209702	206116	202500	196474	196246	196206	192481	⊙ mils. ... ...
□ c/m.	1·0744	1·072	1·063	1·044	1·026	·99551	·99435	·9942	·9752	□ c/m. ... ...
⊙ m/m.	136·80	136·50	135·30	132·97	130·63	126·75	126·61	126·58	124·17	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	B.S.	St'd.	B'm.		B'm.	B.S.	St'd.	B'm.	Gauge Name ...
„ No. ...	37/19	0000	19/12	0000		37/15	37/13	37/15	7/8	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	641·45	640·09	634·35	623·50	612·56	594·33	593·64	593·52	582·26	Lbs. per 1000 ft....
Ft. per lb. ...	1·5590	1·5623	1·5764	1·6038	1·6325	1·6826	1·6845	1·6849	1·7174	Ft. per lb. ...
Grms. per m. ...	954·60	952·58	944·03	927·89	911·61	884·46	883·45	883·27	866·51	Grms. per m. ...
M. per kgm. ...	1·0476	1·0498	1·0593	1·0777	1·0970	1·1306	1·1319	1·1322	1·1540	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	166·5	166·2	164·7	161·8	159·0	154·3	154·1	154·1	151·17	1000 A per □ in. .
200 A □ c/m. ...	214·9	214·4	212·6	208·8	205·2	199·1	198·9	198·8	195·04	200 A □ c/m. ...
1000 ⊙ mils. p. A.	212·0	211·6	209·7	206·1	202·5	196·5	196·2	196·2	192·48	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·048881	·0484842	·048923	·049774	·050663	·052217	·052278	·052288	·053300	ω per 1000 ft. ...
ω per lb. ...	·000075424	·000075746	·000077123	·000079830	·000082707	·000087859	·000088063	·000088098	·000091540	ω per lb. ...
ω per k/m. ...	·15878	·15907	·16051	·16330	·16622	·17132	·17152	·17155	·17487	ω per k/m. ...
ω per k/grm ...	·00016631	·00016702	·00017006	·00017603	·00018237	·00019373	·00019418	·00019443	·00020185	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...					220					5° C. Br. = A. ...
5° C. Bl. „ ...					241					5° C. Bl. „ ...
10° C. Br. „ ...					321					10° C. Br. „ ...
10° C. Bl. „ ...					337					10° C. Bl. „ ...
20° C. Br. „ ...					446					20° C. Br. „ ...
20° C. Bl. „ ...					468					20° C. Bl. „ ...
40° C. Br. „ ...					616					40° C. Br. „ ...
40° C. Bl. „ ...					652					40° C. Bl. „ ...

	94	95	96	97	98	99	100	101	102	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins. ..	·436	·432	·425	·418	·415	·412	·4096	·404	·400	Solid ⌀ ins. ...
„ ⌀ m/m. ...	11·07	10·973	10·795	10·617	10·541	10·46	10·404	10·262	10·160	„ ⌀ m/m. ...
Cable ⌀ ins. ...	·496			·475		·468		·460	·455	Cable ⌀ ins. ...
„ ⌀ m/m. ...	12·60			12·06		11·90		11·6	11·56	„ ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·14964	·146574	·1419	·137370	·135265	·13324	·131794	·1282	·12576	□ ins. ... ...
⊙ mils.	190528	186624	180625	174904	172225	169640	167805	163229	160127	⊙ mils. ... ...
□ c/m.	·96539	·94562	·9154	·8862	·8726	·85958	·8502	·8271	·81132	□ c/m. ... ...
⊙ m/m.	122·91	120·400	116·52	112·83	111·10	109·44	108·25	105·30	103·30	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	St'd.	B'm.	B'm.		Met.	B.S.	St'd.	B'm.	Gauge Name ...
„ No. ...	37/18	00000	000	19/13		37/17	000	19/13	37/16	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	576·33	564·54	546·39	529·08	520·98	513·16	507·61	493·77	484·38	Lbs. per 1000 ft....
Ft. per lb. ...	1·7351	1·7714	1·8302	1·8901	1·9195	1·9487	1·9700	2·0252	2·0645	Ft. per lb. ...
Grms. per m. ...	857·69	840·12	813·13	787·37	775·33	763·68	755·42	734·82	720·83	Grms. per m. ...
M. per kgm. ...	1·1659	1·1903	1·2298	1·2701	1·2898	1·3094	1·3238	1·3608	1·3873	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	149·64	146·57	141·9	137·37	135·26	133·24	131·79	128·2	125·76	1000 A per □ in
200 A □ c/m. ...	193·08	189·12	183·08	177·24	174·52	171·91	170·04	165·42	162·26	200 A □ c/m. ...
1000 ⊙ mils. p. A.	190·52	186·62	180·62	174·90	172·22	169·64	167·80	163·23	160·13	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·053848	·054972	·056799	·058657	·059569	·060477	·0611379	·062852	·064070	ω per 1000 ft. ...
ω per lb. ...	·000093433	·000097375	·00010395	·00011087	·00011434	·00011785	·00012044	·00012729	·00013227	ω per lb. ...
ω per k/m. ...	·17667	·18036	·18635	·19245	·19544	·19842	·20059	·20621	·21021	ω per k/m. ...
ω per k/grm ...	·00020602	·00021471	·00022921	·00024447	·00025212	·00025986	·00026557	·00028067	·00029166	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...					150					10° C. = Amps. ...
Amps. per □ in. .					1108·9					Amps. per □ in. .
⊙ mils. per A. ...					1150					⊙ mils. per A. ...
A. per □ c/m. ...					171·90					A. per □ c/m. ...
V. per 1000 ft. ...					9·75					V. per 1000 ft. ...
„ k/m. ...					32·0					„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	103	104	105	106	107	108	109	110	111	
DIAMETER										**DIAMETER.**
Solid ⌀ ins. ...	·400	·400	·399	·396	·394	·394	·3937	·393	·3898	Solid ⌀ ins. ...
„ ⌀ m/m. ...	10·160	10·16	10·135	10·058	10·008	10·008	10·000	9·982	9·900	„ ⌀ m/m. ...
Cable ⌀ ins. ...		·453	·453		·449	·448		·444		Cable ⌀ ins. ...
„ ⌀ m/m. ..		11·52	11·50		11·40	11·3		11·28		„ ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·125664	·12546	·12506	·123163	·12225	·1219	·121737	·121628	·119337	□ ins. ... ...
⊙ mils.	160000	159740	159235	156816	155655	155207	155000	154861	151944	⊙ mils. ... ...
□ c/m.	·81072	·80939	·80681	·7945	·78868	·7864	·78540	·7846	·76977	□ c/m. ... ...
⊙ m/m.	103·225	103·05	102·73	101·16	100·42	100·13	100·000	99·901	98·010	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	St'd.	B. S.	Met.		B.S.	St'd.	Met.	B'm.	Met.	Gauge Name ...
„ No. ...	0000	19/11	19/23		37/14	37/16	100	7/9	99	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	484·00	483·21	481·69	474·37	470 86	469 50	468·88	468 45	459·63	Lbs. per 1000 ft....
Ft. per lb. ...	2·0661	2·0695	2·0760	2·1081	2·1238	2·1299	2·1327	2·1347	2·1757	Ft. per lb. ...
Grms. per m. ...	720·27	719·11	716·85	705·95	700·73	698·71	696·18	697·14	684·02	Grms. per m. ...
M. per kgm. ...	1·3883	1·3906	1·3950	1·4166	1·4238	1·4312	1·4331	1·4344	1·4620	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	125·66	125·46	125·06	123·16	122·25	121·9	121·74	121·68	119·34	1000 A per □ in. .
200 A □ c/m. ...	162·14	161·88	161·36	158·90	157·74	157·28	157·06	156·92	153·96	200 A □ c/m. ...
1000 ⊙ mils. p. A.	160·00	159·74	159·23	156·82	155·66	155·21	155·00	154·86	151·94	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·064120	·064225	·064428	·065422	·065910	·066100	·066189	·066248	·067520	ω per 1000 ft. ...
ω per lb. ...	·00013248	·00013291	·00013375	·00013791	·00013998	·00014079	·00014116	·00014142	·00014690	ω per lb. ...
ω per k/m. ...	·21037	·21072	·21138	·21464	·21624	·21687	·21716	·21735	·22153	ω per k/m. ...
ω per k/grm ...	·00029212	·00029307	·00029492	·00030409	·00030866	·00031044	·00031127	·00031188	·00032391	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...				140						10° C. = Amps. ...
Amps. per □ in. .				1136·7						Amps. per □ in. .
⊙ mils. per A. ...				1120						⊙ mils. per A. ...
A. per □ c/m. ...				176·21						A. per □ c/m. ...
V. per 1000 ft. ...				9·9						V. per 1000 ft. ...
„ k/m. ...				32·7						„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...	193						190			5° C. Br. = A. ...
5° C. Bl. „ ...	201						196			5° C. Bl. „ ...
10° C. Br. „ ...	271						264			10° C. Br. „ ...
10° C. Bl. „ ..	284						276			10° C. Bl. „ ...
20° C. Br. „ ...	376						367			20° C. Br. „ ...
20° C. Bl. „ ...	390						380			20° C. Bl. „ ...
40° C. Br. „ ...	518						506			40° C. Br. „ ...
40° C. Bl. , ...	546						533			40° C. Bl. „ ...

	112	113	114	115	116	117	118	119	120	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins.	·3858	·3819	·381	·380	·3780	·377	·3740	·372	·3701	Solid ⌀ ins.
,, ⌀ m/m.	9·800	9·700	9·677	9·652	9·600	9·576	9·500	9·449	9·400	,, ⌀ m/m.
Cable ⌀ ins.			·433							Cable ⌀ ins.
,, ⌀ m/m.			11·00							,, ⌀ m/m.
AREA.										**AREA.**
□ ins.	·116900	·114548	·11428	·1134	·112221	·111628	·109859	·1086868	·107579	□ ins.
⊙ mils.	148842	145847	145500	144400	142884	142129	139876	138384	136974	⊙ mils.
□ c/m.	·75430	·73898	·73726	·7315	·72382	·7201	·70882	·70119	·69398	□ c/m.
⊙ m/m.	96·040	94·090	93·867	93·152	92·160	91·687	90·250	89·278	88·360	⊙ m/m.
GAUGE.										**GAUGE.**
Gauge Name	Met.	Met.	Met.	B'm.	Met.		Met.	St'd.	Met.	Gauge Name
,, No.	98	97	19/22	00	96		95	000	94	,, No.
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft.	450·25	441·19	440·14	436·81	432·22	429·94	423·12	418·61	414·35	Lbs. per 1000 ft.
Ft. per lb.	2·2210	2·2666	2·2720	2·2893	2·3136	2·3259	2·3634	2·3889	2·4134	Ft. per lb.
Grms. per m.	670·06	656·58	655·01	650·06	643·23	639·83	629·68	622·96	616·63	Grms. per m.
M. per kgm.	1·4924	1·5231	1·5267	1·5383	1·5546	1·5629	1·5881	1·6082	1·6217	M. per kgm.
CURRENT.										**CURRENT.**
1000 A per □ in.	116·90	114·55	114·28	113·4	112·22	111·63	109·86	108·69	107·58	1000 A per □ in.
200 A □ c/m.	150·82	147·78	147·45	146·30	144·78	144·02	141·76	140·24	138·80	200 A □ c/m.
1000 ⊙ mils. p. A.	148·84	145·85	145·50	144·40	142·88	142·13	139·88	138·38	136·97	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft.	·068926	·070342	·070510	·071047	·071801	·072183	·073345	·074136	·074899	ω per 1000 ft.
ω per lb.	·00015308	·00015944	·00016020	·00016265	·00016612	·00016789	·00017334	·00017710	·00018076	ω per lb.
ω per k/m.	·22614	·23078	·23134	·23310	·23557	·23682	·24064	·24322	·24574	ω per k/m.
ω per k/grm	·00033754	·00035157	·00035324	·00035864	·00036629	·00037020	·00038221	·00039050	·00039858	ω per k/grm
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps.						130				10° C. = Amps.
Amps. per □ in.						1164·6				Amps. per □ in.
⊙ mils. per A.						1090				⊙ mils. per A.
A. per □ c/m.						180·53				A. per □ c/m.
V. per 1000 ft.						10·3				V. per 1000 ft.
,, k/m.						33·7				,, k/m.
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A.										5° C. Br. = A.
5° C. Bl. ,,										5° C. Bl. ,,
10° C. Br. ,,										10° C. Br. ,,
10° C. Bl. ,,										10° C. Bl. ,,
20° C. Br. ,,										20° C. Br. ,,
20° C. Bl. ,,										20° C. Bl. ,,
40° C. Br. ,,										40° C. Br. ,,
40° C. Bl. ,,										40° C. Bl. ,,

	121	122	123	124	125	126	127	128	129	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·3662	·365	·3648	·364	·3622	·3583	·358	·356	·356	Solid ⦶ ins. ...
„ ⦶ m/m. ...	9·300	9·271	9·266	9·246	9·200	9·100	9·093	9·043	9·042	„ ⦶ m/m. ...
Cable ⦶ ins. ...		·415		·413				·402	·404	Cable ⦶ ins. ...
„ ⦶ m/m. ...		10·54		10·50				10·21	10·26	„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·105324	·104857	·104520	·10420	·103036	·100829	·100660	·099706	·099496	□ ins. ... ...
⊙ mils.	134102	133508	133079	132677	131189	128 79	128164	126949	126682	⊙ mils. ... ...
□ c/m.	·67929	·6764	·67426	·67228	·66476	·65039	·6494	·6432	·64189	□ c/m. ... ...
⊙ m/m.	86·490	86·126	85·849	85·595	84·640	82·810	82 679	81·895	81·727	⊙ m/m. ... ..
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	B'm.	B.S.	Met.	Met.	Met.		B'm.	B.S.	Gauge Name ..
„ No. ...	93	19/14	00	19/21	92	91		7/10	19/12	„ No. ..
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	405·66	403·86	402·56	401·35	396·85	388·35	387·70	384·02	383·21	Lbs. per 1000 ft...
Ft. per lb. ...	2·4651	2·4761	2·4841	2·4916	2·5198	2·5750	2·5793	2·6040	2·6095	Ft. per lb. ..
Grms. per m. ...	603·70	601·02	599·09	597·29	590·59	577 94	576·97	571·50	570·29	Grms. per m. ..
M. per kgm. ...	1·6564	1·6638	1·6692	1·6742	1·6932	1·7303	1·7332	1·7498	1·7535	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	105·32	104·86	104·52	104·20	103·04	100·83	100·66	99·706	99·496	1000 A per □ in. .
200 A □ c/m. ...	135·88	135·28	134·85	134·45	132 94	130·08	129·88	128·64	128·38	200 A □ c/m. ...
1000 ⊙ mils. p. A.	134·10	133·51	133·08	132·68	131·19	128·38	128·16	126·95	126·68	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·076503	·076844	·0770915	·077325	·078203	·079915	·080048	·080814	·080984	ω per 1000 ft. ...
ω per lb. ...	·00018859	·00019027	·00019150	·00019266	·00019706	·00020578	·00020647	·00021044	·00021133	ω per lb. ...
ω per k/m. ...	·25100	·25212	·25293	·25370	·25658	·26219	·26268	·26514	·26570	ω per k/m. ...
ω per k/grm ...	·00041584	·00041955	·00042226	·00042482	·00043452	·00045374	·00045527	·00046402	·00046598	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...							120			10° C. = Amps. ...
Amps. per □ in. .							1192·1			Amps. per □ in. .
⊙ mils. per A. ...							1070			⊙ mils. per A. ...
A. per □ c/m. ...							184·79			A. per □ c/m. ...
V. per 1000 ft. ...							10·5			V. per 1000 ft. ...
„ k/m. ...							34·6			„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	130	131	132	133	134	135	136	137	138	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·3543	·354	·352	8·504	·35	·348	·347	·3465	·3425	Solid ⦶ ins. ...
„ ⦶ m/m. ...	9·000	8·992	8·941	8·900	8·890	8·839	8·814	8·800	8·700	„ ⦶ m/m. ...
Cable ⦶ ins. ...			·400				·393			Cable ⦶ ins. ...
„ ⦶ m/m. ...			10·1				10·00			„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·098590	·098423	·0978	·096431	·096211	·095115	·094377	·094297	·092132	□ ins. ... ...
⊙ mils.	125528	125316	123886	122780	122500	121104	120164	120062	117306	⊙ mils. ... ...
□ c/m.	·63617	·63493	·6277	·62211	·62066	·61365	·60886	·60821	·59447	□ c/m. ... ...
⊙ m/m.	81·000	80·841	79·928	79·210	79·025	78·132	77·522	77·440	75·690	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.		St'd.	Met.		St'd.	Met.	Met.	Met.	Gauge Name ...
„ No. ...	90		19/14	89		00	19/20	88	87	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	379·72	379·08	374·76	371·41	370·56	366·34	363·50	363·19	354·85	Lbs. per 1000 ft....
Ft. per lb. ...	2·6335	2·6380	2·6684	2·6924	2·6986	2·7297	2·7510	2·7534	2·8181	Ft. per lb. ...
Grms. per m. ...	565·10	564·14	557·71	552·78	551·46	545·17	540·96	540·50	528·08	Grms. per m. ...
M. per kgm. ...	1·7696	1·7726	1·7930	1·8092	1·8133	1·8342	1·8486	1·8502	1·8936	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	98·590	98·423	97·8	96·431	96·211	95·115	94·377	94·297	92·132	1000 A per □ in
200 A □ c/m. ...	127·20	126·986	125·54	124·416	124·132	122·670	121·772	121·662	118·868	200 A □ c/m. ...
1000 ⊙ mils. p. A.	125·53	125·316	123·89	122·780	122·500	121·104	120·164	120·062	117·306	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·081729	·081867	·082812	·083558	·083749	·084714	·085377	·085450	·087468	ω per 1000 ft. ...
ω per lb. ...	·00021528	·00021596	·00022097	·00022498	·00022601	·00023124	·00023487	·00023528	·00024649	ω per lb. ...
ω per k/m. ...	·26814	·26860	·27170	·27415	·27477	·27794	·28011	·28035	·28697	ω per k/m. ...
ω per k/grm ...	·00047458	·00047619	·00048724	·00049608	·00049835	·00050988	·00051789	·00051879	·00054351	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...					160					5° C. Br. = A. ...
5° C. Bl. „ ...					164					5° C. Bl. „ ...
10° C. Br. „ ...					224					10° C. Br. „ ...
10° C. Bl. „ ...					232					10° C. Bl. „ ...
20° C. Br. „ ...					312					20° C. Br. „ ...
20° C. Bl. „ ...					336					20° C. Bl. „ ...
40° C. Br. „ ...					426					40° C. Br. „ ...
40° C. Bl. „ ...					450					40° C. Bl. „ ...

	139	140	141	142	143	144	145	146	147	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·340	·339	·3386	·3347	·3307	·329	·3268	·3249	·324	Solid ⦶ ins. ...
„ ⦶ m/m. ...	8·636	8·611	8·600	8·500	8·400	8·357	8·300	8·252	8·229	„ ⦶ m/m. ...
Cable ⦶ ins. ...						·374				Cable ⦶ ins. ...
„ ⦶ m/m. ...						9·50				„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·09079	·090259	·090046	·087984	·085893	·085250	·083879	·082932	·0824481	□ ins. ... ...
⊙ mils.	115600	114921	114650	112024	109362	108543	106798	105592	104976	⊙ mils. ... ...
□ c/m.	·58569	·58226	·58088	·56745	·55418	·54998	·54106	·53502	·53191	□ c/m. ... ...
⊙ m/m.	74·578	74·136	73·960	72·250	70·560	70·025	68·890	68·120	67·724	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.		Met.	Met.	Met.	Met.	Met.	B.S.	St'd.	Gauge Name ...
„ No. ...	0		86	85	84	19/19	83	0	0	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	349·69	347·64	346·82	338·87	330·82	328·34	323·06	319·42	317·55	Lbs. per 1000 ft....
Ft. per lb. ...	2·8597	2·8765	2·8833	2·9510	3·0228	3·0456	3·0954	3·1307	3·1491	Ft. per lb. ...
Grms. per m. ...	520·41	517·35	516·13	504·30	492·32	488·63	480·78	475·36	472·56	Grms. per m. ...
M. per kgm. ...	1·9216	1·9329	1·9374	1·9829	2·0312	2·0465	2·0800	2·1037	2·1161	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	90·79	90·259	90·046	87·984	85·893	85·250	83·879	82·932	82·448	1000 A per □ in. .
200 A □ c/m. ...	117·138	116·452	116·178	113·516	110·820	109·996	108·220	107·004	106·382	200 A □ c/m. ...
1000 ⊙ mils. p. A.	115·600	114·921	114·650	112·024	109·362	108·548	106·798	105·592	104·976	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·088748	·089272	·089483	·091581	·093810	·094518	·096062	·0971594	·097730	ω per 1000 ft. ...
ω per lb. ...	·00025379	·00025679	·00025801	·00027025	·00028357	·00028787	·00029735	·00030417	·00030776	ω per lb. ...
ω per k/m. ...	·29117	·29289	·29358	·30047	·30778	·31010	·31517	·31877	·32064	ω per k/m. ...
ω per k/grm ...	·00055961	·00056622	·00056891	·00059690	·00062527	·00063475	·00065566	·00067069	·00067861	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...		110								10° C. = Amps. ...
Amps. per □ in. .		1218·7								Amps. per □ in. .
⊙ mils. per A. ...		1040								⊙ mils. per A. ...
A. per □ c/m. ...		188·92								A. per □ c/m. ...
V. per 1000 ft. ...		10·8								V. per 1000 ft. ...
„ k/m. ...		35·3								„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	148	149	150	151	152	153	154	155	156	
DIAMETER.										**DIAMETER.**
Solid Φ ins. ...	·3228	·319	·3189	·318	·317	·317	·317	·3150	·312	Solid Φ ins. ...
„ Φ m/m. ...	8·200	8·103	8·100	8·077	8·052	8·052	8·052	8·00	7·925	„ Φ m/m. ...
Cable Φ ins. ...		·360			·360	·360	·360		·354	Cable Φ ins. ...
„ Φ m/m. ...		9·14			9·14	9·14	9·14		9·00	„ Φ m/m. ...
AREA.										**AREA.**
□ ins.	·081839	·079960	·079878	·079423	·078906	0·789	·078896	·077931	·076595	□ ins. ... ...
⊙ mils.	104200	101808	101697	101124	100466	100458	100453	99225	97524	⊙ mils. ... ...
□ c/m.	·52810	·51585	·51530	·51237	·50905	·50901	·50899	·50266	·49414	□ c/m. ... ...
⊙ m/m.	67·240	65·680	65·610	65·239	64·814	64·810	64·806	64·000	62·916	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	B'm.	Met.		B'm.	St'd.	B.S.	Met.	Met.	Gauge Name ...
„ No. ...	82	7/11	81		19/15	19/15	19/13	80	19/18	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	315·21	307·97	307·68	305·90	303·91	303·88	303·87	300·16	295·01	Lbs. per 1000 ft....
Ft. per lb. ...	3·1725	3·2471	3·2507	3·2690	3·2905	3·2908	3·2909	3·3316	3·3897	Ft. per lb. ...
Grms. per m. ...	469·09	458·32	457·81	455·24	452·28	452 23	452·22	446·70	439·08	Grms. per m. ...
M. per kgm. ...	2·1318	2·1819	2·1843	2·1966	2·2111	2·2113	2·2113	2·2387	2·2777	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	81·839	79·960	79·878	79·423	78 906	78·9	78·896	77·931	76·595	1000 A per □ in. .
200 A □ c/m. ...	105·594	103·170	103·058	102·474	101·810	101·802	101·798	100·552	98·828	200 A □ c/m. ...
1000 ⊙ mils. p. A.	104·200	101·808	101·697	101·124	100·466	100·458	100·453	99·225	97·524	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·098457	·10077	·10088	·10145	·10212	·10212	·10213	·10339	·10520	ω per 1000 ft. ...
ω per lb. ...	·00031235	·00032721	·00032793	·00033164	·00033602	·00033605	·00033610	·00034445	·00035660	ω per lb. ...
ω per k/m. ...	·32303	·33062	·33098	·33285	·33504	·33504	·33508	·33921	·34515	ω per k/m. ...
ω per k/grm ...	·00068878	·00072150	·00072309	·00073127	·00074092	·00074099	·00074110	·00075951	·00078630	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...				100						10° C. = Amps. ...
Amps. per □ in. .				1259·1						Amps. per □ in. .
⊙ mils. per A. ...				1010						⊙ mils. per A. ...
A. per □ c/m. ...				195·17						A. per □ c/m. ...
V. per 1000 ft. ...				11·1						V. per 1000 ft. ...
„ k/m. ...				36·5						„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...								139		5° C. Br. = A. ...
5° C. Bl. „ ...								141		5° C. Bl. „ ...
10° C. Br. „ ...								192		10° C. Br. „ ...
10° C. Bl. „ ...								200		10° C. Bl. „ ...
20° C. Br. „ ...								268		20° C. Br. „ ...
20° C. Bl. „ ...								280		20° C. Bl. „ ...
40° C. Br. „ ...								370		40° C. Br. „ ...
40° C. Bl. „ ...								388		40° C. Bl. „ ...

	157	158	159	160	161	162	163	164	165	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins. ...	·3110	·3071	·307	·3032	·300	·2992	·296	·2953	·295	Solid ⌀ ins. ...
„ ⌀ m/m. ...	7·900	7·800	7·798	7·700	7·620	7·600	7·518	7·500	7·493	„ ⌀ m/m. ...
Cable ⌀ ins. ...									·334	Cable ⌀ ins. ...
„ ⌀ m/m. ...									8·50	„ ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·075965	·074071	·074023	·072202	·070686	·070310	·068814	·068488	·068200	□ ins. ... ...
⊙ mils.	96721	94310	94249	91930	90000	89521	87616	87202	86834	⊙ mils. ... ...
□ c/m.	·49017	·47784	·47755	·46566	·45608	·45365	·44394	·44179	·43998	□ c/m. ... ...
⊙ m/m.	62·410	60·840	60·808	59·290	58·064	57·760	56·524	56·250	56·020	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	Met.		Met.	St'd. B'm.	Met.		Met.	Met.	Gauge Name ...
„ No. ...	79	78		77	1 1	76		75	19/17	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	292·58	285·29	285·10	278·09	272·25	270·80	265·04	263·79	262·67	Lbs. per 1000 ft....
Ft. per lb. ...	3·4179	3·5052	3·5075	3·5960	3·6731	3·6925	3·7730	3·7900	3·8070	Ft. per lb. ...
Grms. per m. ...	435·41	424·57	424·28	413·85	405·15	403·00	394·43	392·57	390·90	Grms. per m. ...
M. per kgm. ...	2·2967	2·3553	2·3569	2·4164	2·4682	2·4812	2·5353	2·5467	2·5581	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	75·965	74·071	74·023	72·202	70·686	70·310	68·814	68·488	68·200	1000 A per □ in. .
200 A □ c/m. ...	98·016	95·572	95·510	93·162	91·206	90·718	88·788	88·368	87·996	200 A □ c/m. ...
1000 ⊙ mils. p. A.	96·721	94·310	94·249	91·930	90·000	89·521	87·616	87·202	86·834	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·10607	·10878	·10885	·11160	·11399	·11460	·11709	·11765	·11815	ω per 1000 ft. ...
ω per lb. ...	·00036253	·00038130	·00038180	·00040131	·00041870	·00042319	·00044178	·00044600	·00044980	ω per lb. ...
ω per k/m. ...	·34800	·35690	·35713	·36615	·37399	·37599	·38416	·38600	·38764	ω per k/m. ...
ω per k/grm ...	·00079938	·00084077	·00084187	·00088489	·00092323	·00093318	·00097412	·00098343	·00099181	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...			95				90			10° C. = Amps. ...
Amps. per □ in. .			1283·4				1307·9			Amps. per □ in. .
⊙ mils. per A. ...			990				970			⊙ mils. per A. ...
A. per □ c/m. ...			198·93				202·73			A. per □ c/m. ...
V. per 1000 ft. ...			11·3				11·6			V. per 1000 ft. ...
„ k/m. ...			37·2				37·9			„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...					128					5° C. Br. = A. ...
5° C. Bl. „ ...					131					5° C. Bl. „ ...
10° C. Br. „ ...					178					10° C. Br. „ ...
10° C. Bl. „ ...					186					10° C. Bl. „ ...
20° C. Br. „ ...					250					20° C. Br. „ ...
20° C. Bl. „ ...					260					20° C. Bl. „ ...
40° C. Br. „ ...					344					40° C. Br. „ ...
40° C. Bl. „ ...					360					40° C. Bl. „ ...

	166	167	168	169	170	171	172	173	174	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·2913	·290	·2893	·2874	·286	·285	·284	·2835	·282	Solid ⦶ ins. ...
„ ⦶ m/m. ...	7·400	7·366	7·348	7·300	7·264	7·239	7·214	7·200	7·163	„ ⦶ m/m. ...
Cable ⦶ ins. ...		·327			·325				·320	Cable ⦶ ins. ...
„ ⦶ m/m. ...		8·31			8·25				8·14	„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·066646	·065978	·065733	·064873	·064308	·063794	·06334	·063124	·062577	□ ins. ... ...
⊙ mils.	84856	83999	836942	82599	81880	81225	80656	80372	79676	⊙ mils. ... ...
□ c/m.	·43008	·42562	·42407	·41854	·41487	·41156	·40868	·40715	·40371	□ c/m. ... ...
⊙ m/m.	54·760	54·191	53·994	53·290	52·824	52·401	52·034	51·840	51·402	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	B'm.	B.S.	Met.	B'm.		B'm.	Met.	B.S.	Gauge Name ...
„ No. ...	74	7/12	1	73	19/16		2	72	19/14	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	256·69	254·10	253·17	249·86	247·69	245·71	243·98	243·18	241·02	Lbs. per 1000 ft....
Ft. per lb. ...	3·8958	3·9355	3·9499	4·0022	4·0373	4·0698	4·0987	4·1130	4·1490	Ft. per lb. ...
Grms. per m. ...	382·00	378·15	376·77	371·84	368·61	365·66	363·09	361·82	358·68	Grms. per m. ...
M. per kgm. ...	2·6178	2·6445	2·6542	2·6893	2·7129	2·7347	2·7541	2·7637	2·7880	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	66·646	65·978	65·733	64·873	63·308	63·794	63·34	63·124	62·577	1000 A per □ in
200 A □ c/m. ...	85·992	85·124	84·814	83·704	82·974	82·312	81·726	81·446	80·742	200 A □ c/m. ...
1000 ⊙ mils. p. A.	84·856	83·999	83·694	82·599	81·880	81·225	80·656	80·372	79·676	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·12090	·12213	·122578	·12421	·12530	·12631	·12720	·12765	·12876	ω per 1000 ft. ...
ω per lb. ...	·00047100	·00048064	·00048417	·00049712	·00050587	·00051406	·00052135	·00052503	·00053425	ω per lb. ...
ω per k/m. ...	·39666	·40070	·40217	·40752	·41110	·41441	·41733	·41881	·42245	ω per k/m. ...
ω per k/grm ...	·0010386	·0010598	·0010676	·0010961	·0011154	·0011335	·0011496	·0011577	·0011780	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...						85				10° C. = Amps. ...
Amps. per □ in. .						1332·4				Amps. per □ in. .
⊙ mils. per A. ...						960				⊙ mils. per A. ...
A. per □ c/m. ...						206·53				A. per □ c/m. ...
V. per 1000 ft. ...						11·8				V. per 1000 ft. ...
„ k/m. ...						38·6				„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	175	176	177	178	179	180	181	182	183	
DIAMETER.										**DIAMETER**
Solid ⦶ ins. ...	·282	·2795	·277	·276	·2756	·274	·2717	·2677	·2638	Solid ⦶ ins. ..
,, ⦶ m/m. ...	7·163	7·100	7·036	7·010	7·000	6·960	6·900	6·800	6·700	,, ⦶ m/m. ..
Cable ⦶ ins. ...	·320		·315							Cable ⦶ ins. ..
,, ⦶ m/m. ...	8·12		8·00							,, ⦶ m/m. ..
AREA.										**AREA.**
□ ins.	·0624	·061355	·060475	·0598286	·059655	·058965	·057979	·056284	·054656	□ ins. ... ..
⊙ mils.	79450	78120	76999	76176	75955	75076	73821	71663	69590	⊙ mils. ... ..
□ c/m.	·40256	·39592	·39015	·38598	·38485	·38040	·37393	·36317	·35257	□ c/m. ... ..
⊙ m/m.	51·256	50·410	49·675	49·145	49·000	48·434	47·610	46·240	44·890	⊙ m/m. ... ..
GAUGE.										**GAUGE.**
Gauge Name ...	St'd.	Met.	Met.	St'd.	Met.		Met.	Met.	Met.	Gauge Name ..
,, No. ...	19/16	71	19/16	2	70		69	68	67	,, No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	240·34	236·31	232·92	230·43	229·76	227·10	223·31	216·78	210·51	Lbs. per 1000 ft....
Ft. per lb. ...	4·1608	4·2317	4·2933	4·3397	4·3524	4·4033	4·4781	4·6130	4·7504	Ft. per lb. ...
Grms. per m. ...	357·67	351·67	346·63	342·92	341·93	337·97	332·33	322·61	313·28	Grms. per m. ...
M. per kgm. ...	2·7959	2·8435	2·8849	2·9161	2·9246	2·9588	3·0091	3·0997	3·1921	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	62·4	61·355	60·475	59·829	59·655	58·965	57·979	56·284	54·656	1000 A per □ in. .
200 A □ c/m. ...	80·512	79·164	78·030	77·196	76·972	76·080	74·808	72·622	70·522	200 A □ c/m. ...
1000 ⊙ mils. p. A.	79·450	78·120	76·999	76·176	75·955	75·076	73·821	71·663	69·590	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·12918	·13133	·13324	·13468	·13507	·13665	·13897	·14316	·14762	ω per 1000 ft. ...
lb. ...	·00053728	·00055575	·00057204	·00058448	·00058787	·00060172	·00062232	·00066039	·00070125	lb. ...
k/m. ...	·42366	·43088	·43715	·44187	·44315	·44833	·45595	·46969	·48433	k/m. ...
k/grm ...	·0011847	·0012254	·0012613	·0012888	·0012963	·0013268	·0013722	·0014562	·0015463	k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...						80				10° C. = Amps. ...
Amps. per □ in. .						1356·7				Amps. per □ in. .
⊙ mils. per A. ...						940				⊙ mils. per A. ...
A. per □ c/m. ...						210·30				A. per □ c/m. ...
V. per 1000 ft. ...						12·0				V. per 1000 ft. ...
,, k/m. ...						39·3				,, k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A ...										5° C. Br. = A. ...
Bl. ,, ...										Bl. ,, ...
10° C. Br. ,, ...										10° C. Br. ,, ...
Bl. ,, ...										Bl. ,, ...
20° C. Br. ,, ...										20° C. Br. ,, ...
Bl. ,, ...										Bl. ,, ...
40° C. Br. ,, ...										40° C. Br. ,, ...
Bl. ,, ...										Bl. ,, ...

	184	185	186	187	188	189	190	191	192	
DIAMETER.										**DIAMETER**
Solid ⦶ ins. ...	·262	·260	·2598	·259	·2576	·2559	·255	·253	·252	Solid ⦶ ins. ..
,, ⦶ m/m. ...	6·655	6·604	6·600	6·579	6·543	6·500	6·477	6·426	6·400	,, ⦶ m/m. ...
Cable ⦶ ins. ...		·295					·290	·285		Cable ⦶ ins. ...
,, ⦶ m/m. ...		7·50					7·37	7·24		,, ⦶ m/m. ...
AREA.										**AREA.**
☐ ins.	·053913	·053222	·053011	·05268	·052129	·051432	·051203	·050114	·049876	☐ ins. ... ...
⊙ mils.	68644	67764	67496	67081	66378	65485	65194	63807	63504	⊙ mils. ... ...
☐ c/m.	·34781	·34335	·34212	·33986	·33630	·33183	·33033	·32330	·32178	☐ c/m. ... ...
⊙ m/m.	44·285	43·717	43·560	43·276	42·820	42·250	42·059	41·164	40·970	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...		Met.	Met.	B'm.	B.S.	Met.	B'm.	B'm.	St'd. Met.	Gauge Name ...
,, No. ...		19/15	66	3	2	65	19/17	7/13	3 64	,, No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	207·65	204·99	204·18	202·92	200·78	198·09	197·21	193·02	192·10	Lbs. per 1000 ft....
Ft. per lb. ...	4·8158	4·8783	4·8976	4·9280	4·9806	5·0482	5·0707	5·1808	5·2056	Ft. per lb. ...
Grms. per m. ...	309·02	305·06	303·86	301·99	298·80	294·80	293·49	287·25	285·87	Grms. per m. ...
M. per kgm. ...	3·2360	3·2780	3·2910	3·3114	3·3467	3·3922	3·4073	3·4813	3·4979	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per ☐ in. .	53·913	53·222	53·011	52 68	52 129	51·432	51·203	50·114	49·876	1000 A per ☐ in. .
200 A ☐ c/m. ...	69·562	68·670	68·398	67·972	67·260	66·362	66·066	64·660	64·356	200 A ☐ c/m. ...
1000 ⊙ mils. p. A.	68·644	67·764	67·496	67·081	66 378	65·485	65·194	63·807	63·504	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·14945	·15140	·15200	·15294	·154569	·15667	·15737	·16079	·16155	ω per 1000 ft. ...
ω per lb. ...	·00071972	·00073857	·00074444	·00075370	·00076984	·00079090	·00079798	·00083302	·00084097	ω per lb. ...
ω per k/m. ...	·49033	·49673	·49870	·50178	·50713	·51402	·51631	·52754	·53003	ω per k/m. ...
ω per k/grm ...	·0015870	·0016285	·0016415	·0016619	·0016988	·0017589	·0017595	·0018368	·0018543	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...	75									10° C. = Amps. ...
Amps. per ☐ in. .	1391.1									Amps. per ☐ in. .
⊙ mils. per A. ...	915									⊙ mils. per A. ...
A. per ☐ c/m. ...	215·68									A. per ☐ c/m. ...
V. per 1000 ft. ...	12·3									V. per 1000 ft. ...
,, k/m. ...	40·3									,, k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. ,, ...										5° C. Bl. ,, ...
10° C. Br. ,, ...										10° C. Br. ,, ...
10° C. Bl. ,, ...										10° C. Bl. ,, ...
20° C. Br. ,, ...										20° C. Br. ,, ...
20° C. Bl. ,, ...										20° C. Bl. ,, ...
40° C. Br. ,, ...										40° C. Br. ,, ...
40° C. Bl. ,, ...										40° C. Bl. ,, ...

	193	194	195	196	197	198	199	200	201	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins.	·251	·250	·2480	·247	·245	·2441	·243	·2402	·238	Solid ⦶ ins.
„ ⦶ m/m.	6·375	6·350	6·300	6·274	6·228	6·200	6·172	6·100	6·045	„ ⦶ m/m.
Cable ⦶ ins.	·285			·280	·276		·275			Cable ⦶ ins.
„ ⦶ m/m.	7·25			7·10	7·01		7·00			„ ⦶ m/m.
AREA.										**AREA.**
□ ins.	·049626	·049087	·048305	·0479	·046998	·046798	·046258	·045314	·044488	□ ins.
⊙ mils.	63186	62500	61504	60988	59840	59585	58898	57696	56644	⊙ mils.
□ c/m.	·32016	·31668	·31172	·30902	·30320	·30191	·29843	·29225	·28701	□ c/m.
⊙ m/m.	40·764	40·321	39·600	39·346	38·605	38·440	37·997	37·210	36·543	⊙ m/m.
GAUGE.										**GAUGE.**
Gauge Name	B.S.		Met.	St'd.	St'd.	Met.	Met.	Met.	B'm.	Gauge Name
„ No.	19/15		63	19/17	7/13	62	19/14	61	4	„ No.
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft.	191·14	189·06	186·05	184·49	181·02	180·24	178·17	174·53	171·35	Lbs. per 1000 ft.
Ft. per lb.	5·2318	5·2893	5·3749	5·4203	5·5246	5 5482	5·6126	5·7297	5·8360	Ft. per lb.
Grms. per m.	284·45	281·36	276·88	274·56	269·39	268·23	265·15	259·73	255·00	Grms. per m.
M. per kgm.	3·5155	3·5542	3·6117	3·6422	3·7123	3·7281	3·7714	3·8501	3·9215	M. per kgm.
CURRENT.										**CURRENT.**
1000 A per □ in.	49·626	49·087	48·305	47·9	46 998	46·798	46·258	45·314	44·488	1000 A per □ in.
200 A □ c/m.	64·032	63·336	62·326	61·804	60·640	60·382	59·686	58·468	57·402	200 A □ c/m.
1000 ⊙ mils. p. A.	63·186	62·500	61·504	60·988	59 840	59·585	58·898	57·696	56·644	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft.	·16237	·16415	·16681	·16822	·17144	·17218	·17419	·17782	·18112	ω per 1000 ft.
ω per lb.	·00084948	·00086824	·00089659	·00091181	·00094708	·00095528	·00097766	·0010189	·0010570	ω per lb.
ω per k/m.	·53272	·53856	·54729	·55191	·56248	·56490	·57150	·58341	·59424	ω per k/m.
ω per k/grm	·0018781	·0019145	·0019770	·0020105	·0020883	·0021064	·0021557	·0022467	·0023307	ω per k/grm
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps.		70							65	10° C. = Amps.
Amps. per □ in.		1426·0							1461·1	Amps. per □ in.
⊙ mils. per A.		890							870	⊙ mils. per A.
A. per □ c/m.		221·04							226·47	A. per □ c/m.
V. per 1000 ft.		12·6							12·9	V. per 1000 ft.
„ k/m.		41·3							42·8	„ k/m.
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A.		98								5° C. Br. = A.
5° C. Bl. „		101								5° C. Bl. „
10° C. Br. „		136								10° C. Br. „
10° C. Bl. „		143								10° C. Bl. „
20° C. Br. „		190								20° C. Br. „
20° C. Bl. „		200								20° C. Bl. „
40° C. Br. „		264								40° C. Br. „
40° C. Bl. „		278								40° C. Bl. „

	202	203	204	205	206	207	208	209	210	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ..	·2362	·2328	·232	·2294	22·84	·225	·225	·2244	·224	Solid ⦶ ins. ...
„ ⦶ m/m. ...	6·000	5·900	5·893	5·827	5·800	5·715	5·715	5·700	5·690	„ ⦶ m/m. ...
Cable ⦶ ins. ...						·256			·254	Cable ⦶ ins. ...
„ ⦶ m/m. ...						6·50			6·45	„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·043817	·042383	·0422783	·041339	·040972	·039935	·039761	·039458	·039356	□ ins. ... ...
⊙ mils.	55790	53963	53824	52634	52167	50847	50625	50355	50110	⊙ mils. ... ...
□ c/m.	·28274	·27340	·27273	·26669	·26421	·25764	·25651	·25518	·25390	□ c/m. ... ...
⊙ m/m.	36·000	34·810	34·724	33·956	33·640	32·808	32·660	32·490	32·328	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	Met.	St'd.	B.S.	Met.	Met.		Met.	B.S.	Gauge Name ...
„ No. ...	60	59	4	3	58	19/18		57	19/16	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	168·76	163·24	162 82	159·22	157·81	153 81	153·14	152 32	151·58	Lbs. per 1000 ft....
Ft. per lb. ...	5·9256	6·1259	6·1418	6·2823	6·3367	6·5015	6·5300	6·5651	6·5972	Ft. per lb. ...
Grms. per m. ...	251·15	242·98	242·30	236·95	234·85	228·90	227·90	226 68	225·58	Grms. per m. ...
M. per kgm. ...	3·9817	4·1163	4·1270	4·2214	4·2580	4·3687	4·3879	4·4115	4·4330	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	43·817	42·383	42·273	41·339	40·972	39·935	39·761	39·458	39·356	1000 A per □ in
200 A □ c/m. ...	56·536	54·686	54·546	53·338	52·866	51·528	51·302	50·912	50·780	200 A □ c/m. ...
1000 ⊙ mils. p. A.	55·790	53·963	53·824	52·634	52·167	50·847	50·625	50·355	50·110	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·18389	·19012	·19061	·194917	·19663	·20177	·20265	·20374	·20478	ω per 1000 ft. ...
ω per lb. ...	·0010897	·0011647	·0011707	·0012242	·0012462	·0013118	·0013238	·0013376	·0013506	ω per lb. ...
ω per k/m. ...	·60332	·62376	·62537	·63951	·64522	·66199	·66487	·66691	·67170	ω per k/m. ...
ω per k/grm ...	·0024028	·0025682	·0025814	·0026994	·0027479	·0028925	·0029179	·0029494	·0029781	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...							60			10° C. = Amps. ...
Amps. per □ in. .							1509·0			Amps. per □ in. .
⊙ mils. per A. ...							845			⊙ mils. per A. ...
A. per □ c/m. ...							233·91			A. per □ c/m. ...
V. per 1000 ft. ...							13·3			V. per 1000 ft. ...
„ k/m. ...							43·7			„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...	90									5° C. Br. = A. ...
5° C. Bl. „ ...	93									5° C. Bl. „ ...
10° C. Br. „ ...	125									10° C. Br. „ ...
10° C. Bl. „ ...	132									10° C. Bl. „ ...
20° C. Br. „ ...	175									20° C. Br. „ ...
20° C. Bl. „ ...	184									20° C. Bl. „ ...
40° C. Br. „ ...	244									40° C. Br. „ ...
40° C. Bl. „ ...	253									40° C. Bl. „ ...

	211	212	213	214	215	216	217	218	219	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·221	·2205	·220	·2165	·216	·213	·213	·2126	·212	Solid ⦶ ins. ...
„ ⦶ m/m. ...	5·613	5·600	5·588	5·500	5·487	5·410	5·410	5·400	5·385	„ ⦶ m/m. ...
Cable ⦶ ins. ...	·249				·245		·240			Cable ⦶ ins. ...
„ ⦶ m/m. ...	6·32				6·22		6·10			„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·038253	·038186	·03801	·036818	·036546	·035633	·0356	·035499	·0352990	□ ins. ... ...
⊙ mils.	48705	48620	48400	46872	46532	45369	45327	45199	44944	⊙ mils. ... ...
□ c/m.	·24678	·24630	·24522	·23758	·23577	·22988	·22967	·22902	·22773	□ c/m. ... ...
⊙ m/m.	31·421	31·360	31·225	30·250	30·019	29·269	29·242	29·160	28·995	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.	Met.	B'm.	Met.	B'm.		St'd.	Met.	St'd.	Gauge Name ...
„ No. ...	7/14	56	5	55	19/18		7/14	54	5	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	147·33	147·08	146·41	141·79	140·76	137·24	137·11	136·73	135·96	Lbs. per 1000 ft....
Ft. per lb. ...	6·7875	6·7990	6·8301	7·0527	7·1043	7·2865	7·2934	7·3137	7·3551	Ft. per lb. ...
Grms. per m. ...	219·26	218·88	217·89	211·01	209·48	204·23	204·05	203·48	202·33	Grms. per m. ...
M. per kgm. ...	4·5609	4·5686	4·5895	4·7391	4·7738	4·8962	4·9008	4·9145	4·9423	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	38·253	38·186	38·01	36·813	36·546	35·633	35·6	35·499	35·299	1000 A per □ in. .
200 A □ c/m. ...	49·356	49·270	49·044	47·498	47·154	45·976	45·934	45·804	45·546	200 A □ c/m. ...
1000 ⊙ mils. p. A.	48·705	48·620	48·400	46·872	46·532	45·369	45·327	45·199	44·944	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·21064	·21101	·21197	·21888	·22048	·22613	·22634	·22698	·22827	ω per 1000 ft. ...
ω per lb. ...	·0014297	·0014347	·0014478	·0015437	·0015664	·0016477	·0016508	·0016601	·0016789	ω per lb. ...
ω per k/m. ...	·69109	·69230	·69545	·71812	·72337	·74191	·74260	·74470	·74893	ω per k/m. ...
ω per k/grm ...	·0031525	·0031685	·0031924	·0034039	·0034539	·0036332	·0036400	·0036605	·0037020	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...						55				10° C. = Amps. ...
Amps. per □ in. .						1543·5				Amps. per □ in. .
⊙ mils. per A. ...						825				⊙ mils. per A. ...
A. per □ c/m. ...						239·26				A. per □ c/m. ...
V. per 1000 ft. ...						13·6				V. per 1000 ft. ...
„ k/m. ...						44·7				„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	220	221	222	223	224	225	226	227	228	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins. ...	·211	·211	·210	·2087	·208	·2047	·2043	·203	·2008	Solid ⌀ ins. ...
„ ⌀ m/m. ...	5·359	5·359	5·334	5·300	5·283	5·200	5·189	5·156	5·100	„ ⌀ m/m. ...
Cable ⌀ ins. ...		·240	·236		·236					Cable ⌀ ins. ...
„ ⌀ m/m. ...		6·10	6·00		6·00					„ ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·03496	·0349	·034491	·034130	·033947	·032910	·032784	·03236	·031668	□ ins. ... ...
⊙ mils.	44521	44436	43915	43556	43223	41902	41742	41209	40321	⊙ mils. ... ...
□ c/m.	·22554	·22515	·22251	·22062	·21900	·21237	·21150	·20877	·20428	□ c/m. ... ...
⊙ m/m.	28·722	28·667	28·331	28·090	27·885	27·040	26·929	26·585	26·010	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.	St'd.	Met.	Met.	Met.	Met.	B.S.	B'm.	Met.	Gauge Name ...
„ No. ...	5½	19/18	7/20	53	19/12	52	4	6	51	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	134·68	134·42	132·84	131·76	130·75	126·75	126·27	124·66	121·97	Lbs. per 1000 ft....
Ft. per lb. ...	7·4250	7·4394	7·5279	7·5896	7·6482	7·8895	7·9195	8·0218	8·1987	Ft. per lb. ...
Grms. per m. ...	200·43	200·04	197·69	196·08	194·58	188·63	187·91	185·52	181·51	Grms. per m. ...
M. per kgm. ...	4·9893	4·9989	5·0584	5·0999	5·1393	5·3014	5·3216	5·3903	5·5092	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	34·96	34·9	34·491	34·130	33·947	32·910	32·784	32·36	31·668	1000 A per □ in. .
200 A □ c/m. ...	45·108	45·030	44·502	44·036	43·800	42·462	42·300	41·754	40·860	200 A □ c/m. ...
1000 ⊙ mils. p. A.	44·521	44·436	43·915	43·556	43·223	41·902	41·742	41·209	40·321	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·23044	·23088	·23362	·23608	·23736	·24484	·245777	·24896	·25444	ω per 1000 ft. ...
ω per lb. ...	·0017110	·0017176	·0017587	·0017917	·0018154	·0019317	·0019464	·0019971	·0020861	ω per lb. ...
ω per k/m. ...	·75605	·75749	·76648	·77455	·77876	·80330	·80638	·81681	·83479	ω per k/m. ...
ω per k/grm ...	·0037728	·0037873	·0038779	·0039507	·0040030	·0042594	·0042918	·0044036	·0045999	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	229	230	231	232	233	234	235	236	237	
DIAMETER.										**DIAMETER**
Solid ⦶ ins. ...	·200	·199	·199	·1969	1·929	·192	·192	·192	·191	Solid ⦶ ins. ..
„ ⦶ m/m. ...	5·080	5·055	5·055	5·000	4·900	4·877	4·877	4·877	4·851	„ ⦶ m/m. ...
Cable ⦶ ins. ...		·226	·224				·216	·216	·216	Cable ⦶ ins. ...
„ ⦶ m/m. ...		5·75	5·70				5·49	5.49	5·49	„ ⦶ m/m. ...
AREA										**AREA.**
□ ins.	·031416	·031205	·031156	·030450	·029225	·0289529	·0289	·028834	·028786	□ ins. ... ...
⊙ mils.	40000	39731	39669	38770	37210	36864	36796	36712	36651	⊙ mils. ... ...
□ c/m.	·20268	·20131	·20100	·19635	·18857	·18679	·18644	·18602	·18571	□ c/m. ... ...
⊙ m/m.	25·805	25·632	25·592	25·000	24·010	23·783	23·738	23·684	23·645	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...		B. S.	Met.	Met.	Met.	St'd.	St'd.	B.S.	B'm.	Gauge Name ...
„ No. ...		19/17	7/19	50	49	6	7, 15	7/13	7/15	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	121·00	120·19	120·00	117·28	112·56	111·51	111·31	111·05	110·87	Lbs. per 1000 ft....
Ft. per lb. ...	8·2645	8·3202	8·3333	8·5266	8·8842	8·9678	8·9839	9·0050	9·0196	Ft. per lb. ...
Grms. per m. ...	180·07	178·87	178·58	174·53	167·51	165·94	165·65	165·26	165·00	Grms. per m. ...
M. per kgm. ...	5·5534	5·5908	5·5996	5·7295	5·9698	6·0260	6·0368	6·0510	6·0608	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	31·416	31·205	31·156	30·450	29·225	28·953	28·9	28·834	28·786	1000 A per □ in. .
200 A □ c/m. ...	40·536	40·262	40·200	39·288	37·708	37·358	37·288	37·204	37·142	200 A □ c/m. ...
1000 ⊙ mils. p. A.	40·000	39·731	39·669	38·770	37·210	36·864	36·796	36·712	36·651	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·25648	·25822	·25862	·26462	·27571	·27830	·27881	·27945	·27859	ω per 1000 ft. ...
ω per lb. ...	·0021197	·0021484	·0021552	·0022563	·0024494	·0024959	·0025048	·0025164	·0025128	ω per lb. ...
ω per k/m. ...	·84149	·84719	·84851	·86819	·90458	·91307	·91475	·91685	·91403	ω per k/m. ...
ω per k/grm ...	·0046739	·0047372	·0047522	·0049751	·0054009	·0055030	·0055231	·0055487	·0055407	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...	50									10° C. = Amps. ...
Amps. per □ in. .	1591·5									Amps. per □ in. .
⊙ mils. per A. ...	800									⊙ mils. per A. ...
A. per □ c/m. ...	246·69									A. per □ c/m. ...
V. per 1000 ft. ...	14·1									V. per 1000 ft. ...
„ k/m. ...	46·1									„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...	71									5° C. Br. = A. ...
5° C. Bl. „ ...	74									5° C. Bl. „ ...
10° C. Br. „ ...	99									10° C. Br. „ ...
10° C. Bl. „ ...	105									10° C. Bl. „ ...
20° C. Br. „ ...	139									20° C. Br. „ ...
20° C. Bl. „ ...	148									20° C. Bl. „ ...
40° C. Br. „ ...	193									40° C. Br. „ ...
40° C. Bl. „ ...	201									40° C. Bl. „ ...

	238	239	240	241	242	243	244	245	246	
DIAMETER.										**DIAMETER.**
Solid ⏀ ins. ...	·191	·191	·1890	·189	·186	·1850	·185	·1819	·1811	Solid ⏀ ins. ...
„ ⏀ m/m. ...	4·851	4·851	4·800	4·801	4·724	4·700	4·700	4·620	4·600	„ ⏀ m/m. ...
Cable ⏀ ins. ...		·216		·218			·210			Cable ⏀ ins. ...
„ ⏀ m/m. ...		5·50		5·40			5·38			„ ⏀ m/m. ...
AREA.										**AREA.**
□ ins.	·02865	·028569	·028055	·027992	·027172	·026880	·026842	·025998	·025759	□ ins. ... ...
⊙ mils.	36481	36375	35721	35641	34596	34225	34176	33102·0	32797	⊙ mils. ... ...
□ c/m.	·18483	·18431	·18096	·18059	·17530	·17349	·17317	·16772	·16619	□ c/m. ... ...
⊙ m/m.	23·535	23·467	23·040	22·993	22·268	22·090	22·048	21·355	21·160	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.	Met.	Met.	Met.		Met.	B'm.	B.S.	Met.	Gauge Name ...
„ No. ...	6½	19/11	48	7/18		47	19/19	5	46	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	110·36	110·03	108·06	107·81	104·65	103·53	103·38	100·13	99·211	Lbs. per 1000 ft....
Ft. per lb. ...	9·0613	9·0884	9·2541	9·2756	9·5557	9·6590	9·6731	9·9870	10·080	Ft. per lb. ...
Grms. per m. ...	164·24	163·75	160·81	160·44	155·74	154·07	153·85	149·01	147·64	Grms. per m. ...
M. per kgm. ...	6·0888	6·1070	6·2184	6·2328	6·4210	6·4904	6·4999	6·7108	6·7738	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	28·65	28·569	28·055	27·992	27·172	26·880	26·842	25·998	25·759	1000 A per □ in
200 A □ c/m. ...	36·966	36·862	36·198	36·118	35·060	34·682	34·634	33·544	33·236	200 A □ c/m. ...
1000 ⊙ mils. p. A.	36·481	36·375	35·721	35·641	34·596	34·225	34·176	33·102	32·797	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·28122	·28204	·28721	·28785	·29655	·29976	·30019	·309927	·31283	ω per 1000 ft. ...
ω per lb. ...	·0025482	·0025633	·0026579	·0026700	·0028337	·0028954	·0029038	·0030952	·0031532	ω per lb. ...
ω per k/m. ...	·92265	·92535	·94231	·94441	·97295	·98348	·98489	1·0168	1·0264	ω per k/m. ...
ω per k/grm ...	·0056188	·0056521	·0058607	·0058873	·0062483	·0063844	·0064029	·0068249	·0069528	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...					45					10° C. = Amps. ...
Amps. per □ in. .					1656·1					Amps. per □ in. .
⊙ mils. per A. ...					770					⊙ mils. per A. ...
A. per □ c/m. ...					256·70					A. per □ c/m. ...
V. per 1000 ft. ...					14·7					V. per 1000 ft. ...
„ k/m. ...					48·1					„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	247	248	249	250	251	252	253	254	255	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·180	·178	·177	·1772	·176	·176	·174	·1732	·172	Solid ⦶ ins. ...
,, ⦶ m/m. ...	4·572	4·521	4·496	4·500	4·470	4·470	4·420	4·400	4·369	,, ⦶ m/m. ...
Cable ⦶ ins. ...		·201	·201			·200	·197			Cable ⦶ ins. ...
,, ⦶ m/m. ...		5·10	5·12			5·08	5·00			,, ⦶ m/m. ...
AREA.										**AREA.**
☐ ins.	·02544	·024925	·024745	·024662	·0243285	·0243	·023648	·023506	·023235	☐ ins. ... ...
⊙ mils.	32400	31735	31506	31400	30976	30940	30109	29998	29584	⊙ mils. ... ...
☐ c/m.	·16412	·16080	·15964	·15904	·15695	·15677	·15256	·15205	·14990	☐ c/m. ... ...
⊙ m/m.	20 902	20·478	20·326	20·250	19·984	19·961	19·424	19·360	19·042	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.	Met.	B.S.	Met.	St'd.	St'd.	Met.	Met.	B'm.	Gauge Name ...
,, No. ...	7	7/17	19/18	45	7	19/19	19/10	44	7½	,, No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	98·010	95·998	95·306	94·985	93·702	93·594	91·080	90·744	89·492	Lbs. per 1000 ft....
Ft. per lb. ...	10·203	10·417	10·493	10·528	10 672	10·684	10·979	11·020	11·174	Ft. per lb. ...
Grms. per m. ...	145·86	142·86	141·83	141·36	139·44	139·29	135·54	135·04	133·18	Grms. per m. ...
M. per kgm. ...	6·8560	6·9998	7·0508	7·0744	7·1711	7·1792	7·3774	7·4050	7·5084	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per ☐ in. .	25·44	24·925	24·745	24·662	24·328	24·3	23·648	23·506	23·235	1000 A per ☐ in. .
200 A ☐ c/m. ...	32·824	32·160	31·928	31·820	31·390	31·354	30·512	30·330	29·980	200 A ☐ c/m. ...
1000 ⊙ mils. p. A.	32·400	31·735	31·506	31·400	30·976	30·940	30·109	29·998	29·584	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·31664	·32328	·32563	·32673	·33120	·33159	·34073	·34200	·34758	ω per 1000 ft. ...
ω per lb. ...	·0032307	·0033676	·0034167	·0034398	·0035346	·0035429	·0037410	·0037688	·0038839	ω per lb. ...
ω per k/m. ...	1·0389	1·0606	1·0684	1·0720	1·0866	1·0879	1·1179	1·1221	1·1404	ω per k/m. ...
ω per k/grm ...	·0071237	·0074256	·0075338	·0075848	·0077938	·0078121	·0082489	·0083102	·0085640	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...									40	10° C. = Amps. ...
Amps. per ☐ in. .									1721·5	Amps. per ☐ in. .
⊙ mils. per A. ...									740	⊙ mils. per A. ...
A. per ☐ c/m. ...									266·84	A. per ☐ c/m. ...
V. per 1000 ft. ...									15·2	V. per 1000 ft. ...
,, k/m. ...									49·9	,, k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. ,, ...										5° C. Bl. ,, ...
10° C. Br. ,, ...										10° C. Br. ,, ...
10° C. Bl. ,, ...										10° C. Bl. ,, ...
20° C. Br. ,, ...										20° C. Br. ,, ...
20° C. Bl. ,, ...										20° C. Bl. ,, ...
40° C. Br. ,, ...										40° C. Br. ,, ...
40° C. Bl. ,, ...										40° C. Bl. ,, ...

	256	257	258	259	260	261	262	263	264	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·173	·171	·171	·1693	·168	·1654	·165	·1620	·1614	Solid ⦶ ins. ...
„ ⦶ m/m. ...	4·394	4·343	4·343	4·300	4·267	4·200	4·191	4·115	4·100	„ ⦶ m/m. ...
Cable ⦶ ins. ...	·195	·192	·192		·189					Cable ⦶ ins. ...
„ ⦶ m/m. ...	4·95	4·88	4·88		4·80					„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·023461	·0229	·022870	·02251	·022101	·02144	·02138	·02062	·02046	□ ins. ... ...
⊙ mils.	29871	29157	29119	28662	28140	27357	27225	26250	26050	⊙ mils. ... ...
□ c/m.	·15136	·14774	·14754	·14522	·14258	·13854	·13793	·13303	·13202	□ c/m. ... ...
⊙ m/m.	19·271	18·810	18·786	18·490	18·154	17·640	17·564	16·935	16·810	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.	St'd.	B.S.	Met.	Met.	Met.	B'm.	B.S.	Met.	Gauge Name ...
„ No. ...	7/16	7/16	7/14	43	7/16	42	8	6	41	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	90·360	88·200	88·085	86·703	85·124	82·755	82·356	79·406	78·801	Lbs. per 1000 ft....
Ft. per lb. ...	11·067	11·338	11·358	11·534	11·748	12·084	12·142	12·593	12·690	Ft. per lb. ...
Grms. per m. ...	134·47	131·26	131·09	129·03	126·68	123·16	122·56	118·17	117·27	Grms. per m. ...
M. per kgm. ...	7·4365	7·6186	7·6287	7·7503	7·8941	8·1199	8·1590	8·4619	8·5271	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	23·461	22·9	22·870	22·51	22·101	21·44	21·38	20·62	20·46	1000 A per □ in
200 A □ c/m. ...	30·272	29·548	29·508	29·044	28·516	27·664	27·586	26·606	26·392	200 A □ c/m. ...
1000 ⊙ mils. p. A.	29·871	29·157	29·119	28·662	28·140	27·357	27·225	26·250	26·050	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·34345	·35186	·35282	·35794	·36458	·37588	·37683	·390829	·39383	ω per 1000 ft. ...
ω per lb. ...	·0038009	·0039893	·0039998	·0041283	·0042820	·0045421	·0045756	·0049219	·0049978	ω per lb. ...
ω per k/m. ...	1·1268	1·1544	1·1559	1·1744	1·1961	1·2332	1·2363	1·2823	1·2921	ω per k/m. ...
ω per k/grm ...	·0083810	·0087964	·0088196	·0091029	·0094488	·010015	·010089	·010853	·011020	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	265	266	267	268	269	270	271	272	273	
DIAMETER.										**DIAMETER.**
Solid Φ ins. ...	·160	·159	·158	·1575	·157	·156	·156	·154	·154	Solid Φ ins. ...
„ Φ m/m. ...	4·064	4·039	4·013	4·000	3·988	3·962	3·962	3·912	3·912	„ Φ m/m. ...
Cable Φ ins. ...		·180			·177		·177	·174	·175	Cable Φ ins. ...
„ Φ m/m. ...		4·57			4·50		4·50	4·42	4·44	„ Φ m/m. ...
AREA.										**AREA.**
□ ins.	·0201062	·0198	·019607	·019483	·019450	·01911	·019092	·018758	·018645	□ ins. ... ...
⊙ mils.	25600	25210	24964	24806	24765	24336	24308	23883	23740	⊙ mils. ... ...
□ c/m.	·12972	·12774	·12649	·12566	·12548	·12328	·12317	·12101	·12028	□ c/m. ... ...
⊙ m/m.	16·516	16·264	16·105	16·000	15·977	15·700	15·682	15·408	15·316	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	St'd.	St'd.		Met.	Met.	B'm.	B.S. Met.	B'm.	B'm.	Gauge Name ...
„ No. ...	8	19/20		40	7/15	8½	19/19 19/9	7/17	19/20	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	77·440	76·260	75·516	75·038	74·914	73·616	73·532	72·246	71·813	Lbs. per 1000 ft....
Ft. per lb. ...	12·913	13·113	13·242	13·327	13·349	13·584	13·600	13·842	13·925	Ft. per lb. ...
Grms. per m. ...	115·24	113·49	112·38	111·67	111·49	109·55	109·43	107·52	106·87	Grms. per m. ...
M. per kgm. ...	8·6770	8·8114	8·8980	8·9552	8·9699	9·1279	9·1386	9·3012	9·3570	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	20·106	19·8	19·607	19·483	19·450	19·11	19·092	18·758	18·645	1000 A per □ in. .
200 A □ c/m. ...	25·960	25·548	25·298	25·133	25·096	24·656	24·634	24·202	24·056	200 A □ c/m. ...
1000 ⊙ mils. p. A.	25·600	25·210	24·964	24·806	24·765	24·336	24·308	23·883	23·740	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·40075	·40695	·41096	·41358	·41426	·42157	·42205	·42956	·43215	ω per 1000 ft. ...
ω per lb. ...	·0051740	·0053363	·0054420	·0055116	·0055298	·0057266	·0057397	·0059458	·0060177	ω per lb. ...
ω per k/m. ...	1·3148	1·3352	1·3483	1·3570	1·3591	1·3831	1·3847	1·4093	1·4178	ω per k/m. ...
ω per k/grm ...	·011409	·011767	·012000	·012153	·012193	·012627	·012656	·013110	·013269	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...			35							10° C. = Amps. ...
Amps. per □ in. .			1785·1							Amps. per □ in. .
⊙ mils. per A. ...			710							⊙ mils. per A. ...
A. per □ c/m. ...			276·70							A. per □ c/m. ...
V. per 1000 ft. ...			15·8							V. per 1000 ft. ...
„ k/m. ...			51·8							„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...				52						5° C. Br. = A. ...
5° C. Bl. „ ...				54						5° C. Bl. „ ...
10° C. Br. „ ...				71						10° C. Br. „ ...
10° C. Bl. „ ...				75						10° C. Bl. „ ...
20° C. Br. „ ...				100						20° C. Br. „ ...
20° C. Bl. „ ...				105						20° C. Bl. „ ...
40° C. Br. „ ...				139						40° C. Br. „ ...
40° C. Bl. „ ...				145						40° C. Bl. „ ...

	274	275	276	277	278	279	280	281	282	
DIAMETER.										DIAMETER.
Solid ⌀ ins. ...	·1585	·152	·15	·1496	·149	·148	·147	·1457	·1443	Solid ⌀ ins. ...
„ ⌀ m/m. ...	3·900	3·861	3·810	3·800	3·785	3·759	3·734	3·700	3·665	„ ⌀ m/m. ...
Cable ⌀ ins. ...		·171			·168		·165			Cable ⌀ ins. ...
„ ⌀ m/m. ...		4·35			4·27		4·20			„ ⌀ m/m. ...
AREA.										AREA.
□ ins.	·018506	·018136	·017672	·017577	·0174	·01720	·016906	·016678	·016349	□ ins. ... ...
⊙ mils.	23562	23092	22500	22380	22154	21904	21525	21228	20816	⊙ mils. ... ...
□ c/m.	·11946	·11700	·11401	·11341	·11225	·11096	·10907	·10752	·10547	□ c/m. ... ...
⊙ m/m.	15·210	14·897	14·516	14·440	14·292	14·131	13·887	13·690	13·429	⊙ m/m. ... ...
GAUGE.										GAUGE.
Gauge Name ...	Met.	B.S.		Met.	St'd.	B'm.	Met.	Met.	B.S.	Gauge Name ...
„ No. ...	39	7/15		38	7/17	9	7/14	37	7	„ No. ...
WEIGHT.										WEIGHT.
Lbs. per 1000 ft....	71·275	69·853	68·063	67·699	67·016	66·260	65·113	64·215	62·968	Lbs. per 1000 ft....
Ft. per lb. ...	14·030	14·316	14·692	14·771	14·922	15·092	15·358	15·573	15·881	Ft. per lb. ...
Grms. per m. ...	106·07	103·95	101·29	100·75	99·733	98·608	96·901	95·564	93·708	Grms. per m. ...
M. per kgm. ...	9·4275	9·6197	9·8724	9·9255	10·027	10·141	10·320	10·464	10·671	M. per kgm. ...
CURRENT.										CURRENT.
1000 A per □ in. .	18·506	18·136	17·672	17·577	17·4	17·20	16·906	16·678	16·349	1000 A per □ in. .
200 A □ c/m. ...	23·878	23·400	22·802	22·680	22·450	22·192	21·814	21·512	21·094	200 A □ c/m. ...
1000 ⊙ mils. p. A.	23·562	23·092	22·500	22·380	22·154	21·904	21·525	21·228	20·816	1000 ⊙ mils. p. A.
RESISTANCE.										RESISTANCE.
ω per 1000 ft. ...	·43541	·44428	·45597	·45841	·46309	·46837	·47662	·48329	·492853	ω per 1000 ft. ...
ω per lb. ...	·0061089	·0063602	·0066992	·0067718	·0069101	·0070687	·0073199	·0075262	·0078270	ω per lb. ...
ω per k/m. ...	1·4285	1·4576	1·4960	1·5040	1·5194	1·5367	1·5637	1·5856	1·6170	ω per k/m. ...
ω per k/grm ...	·013470	·014024	·014772	·014932	·015237	·015586	·016140	·016595	·017259	ω per k/grm ...
HEAT, CASED.										HEAT, CASED.
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT. BARE.										HEAT. BARE.
5° C. Br. = A. ...			48							5° C. Br. = A. ...
5° C. Bl. „ ...			51							5° C. Bl. „ ...
10° C. Br. „ ...			67							10° C. Br. „ ...
10° C. Bl. „ ...			70							10° C. Bl. „ ...
20° C. Br. „ ...			94							20° C. Br. „ ...
20° C. Bl. „ ...			98							20° C. Bl. „ ...
40° C. Br. „ ...			130							40° C. Br. „ ...
40° C. Bl. „ ...			135							40° C. Bl. „ ...

	283	284	285	286	287	288	289	290	291	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins. ...	·144	·142	·1417	·141	·141	·1378	·136	·135	·134	Solid ⌀ ins. ...
,, ⌀ m/m. ...	3·658	3·607	3·600	3·581	3·581	3·500	3·454	3·429	3·404	,, ⌀ m/m. ...
Cable ⌀ ins. ...					·160		·154	·152		Cable ⌀ ins. ...
,, ⌀ m/m. ...					4·06		3·90	3·87		,, ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·0162860	·015837	·015770	·015614	·015586	·014914	·014595	·014383	·014102	□ ins. ... ...
⊙ mils.	20736	20164	20079	19881	19845	18989	18583	18313	17956	⊙ mils. ... ...
□ c/m.	·10507	·10217	·10179	·10073	·10055	·096211	·094158	·092790	·090977	□ c/m. ... ...
⊙ m/m.	13·378	13·009	12·960	12·826	12·808	12·250	11·989	11·814	11·584	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	St'd.		Met.	B'm.	St'd B'm.	Met.	Met.	B.S.	B'm.	Gauge Name ...
,, No. ...	9		36	9½	19/21 19/21	35	7/13	7/16	10	,, No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	62·726	60·996	60·739	60·140	60·031	57·442	56·214	55·397	54·317	Lbs. per 1000 ft....
Ft. per lb. ...	15·942	16·395	16·464	16·628	16·658	17·409	17·789	18·052	18·410	Ft. per lb. ...
Grms. per m. ...	93·346	90·774	90·391	89·500	89·338	85·485	83·657	82·441	80·834	Grms. per m. ...
M. per kgm. ...	10·712	11·017	11·063	11·173	11·193	11·698	11·953	12·130	12·371	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	16·286	15·837	15·770	15·614	15·586	14·914	14·595	14·383	14·102	1000 A per □ in. .
200 A □ c/m. ...	21·014	20·434	20·348	20·146	20·110	19·243	18·832	18·558	18·195	200 A □ c/m. ...
1000 ⊙ mils. p. A.	20·736	20·164	20·079	19·881	19·845	18·989	18·583	18·313	17·956	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·49476	·50879	·51094	·51603	·51697	·54027	·55208	·56022	·57135	ω per 1000 ft. ...
ω per lb. ...	·0078876	·0083414	·0084121	·0085805	·0086117	·0094055	·0098210	·010113	·010519	ω per lb. ...
ω per k/m. ...	1·6233	1·6693	1·6763	1·6930	1·6961	1·7726	1·8113	1·8380	1·8745	ω per k/m. ...
ω per k/grm ...	·017392	·018393	·018549	·018920	·018989	·020739	·021655	·022299	·023194	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...		30								10° C. = Amps. ...
Amps. per □ in. .		1894·3								Amps. per □ in. .
⊙ mils. per A. ...		670								⊙ mils. per A. ...
A. per □ c/m. ...		293·63								A. per □ c/m. ...
V. per 1000 ft. ...		16·7								V. per 1000 ft. ...
,, k/m. ...		54·8								,, k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. ,, ...										5° C. Bl. ,, ...
10° C. Br. ,, ...										10° C. Br. ,, ...
10° C. Bl. ,, ...										10° C. Bl. ,, ...
20° C. Br. ,, ...										20° C. Br. ,, ...
20° C. Bl. ,, ...										20° C. Bl. ,, ...
40° C. Br. ,, ...										40° C. Br. ,, ...
40° C. Bl. ,, ...										40° C. Bl. ,, ...

	292	293	294	295	296	297	298	299	300	
DIAMETER.										**DIAMETER.**
Solid ⌽ ins. ...	·1339	·130	·1299	·1285	·128	·128	·127	·1260	·126	Solid ⌽ ins. ...
„ ⌽ m/m. ...	8·400	3·302	3·300	3·264	3·251	3·251	3·226	3·200	3·200	„ ⌽ m/m. ...
Cable ⌽ ins. ...		·147				·144			·142	Cable ⌽ ins. ...
„ ⌽ m/m. ...		3·73				3·66			3·60	„ ⌽ m/m. ...
AREA.										**AREA.**
□ ins.	·014081	·013332	·013258	·012966	·0128679	·0128	·012667	·012469	·012407	□ ins. ... ...
⊙ mils.	17929	16975	16874	16509	16384	16297	16129	15876	15797	⊙ mils. ... ...
□ c/m.	·090792	·086010	·085530	·083648	·083018	·082577	·081719	·080425	·080042	□ c/m. ... ...
⊙ m/m.	11·560	10·951	10·890	10·651	10·570	10·514	10·405	10·240	10·191	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	B'm.	Met.	B.S.	St'd.	St'd.	B'm.	Met.	Met.	Gauge Name ...
„ No. ...	34	7/18	33	8	10	7/18	10½	32	7/12	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	54·235	51·349	51·044	49·940	49·562	49·298	48·790	48·025	47·786	Lbs. per 1000 ft....
Ft. per lb. ...	18·438	19·475	19·591	20·024	20·177	20·285	20·496	20·822	20·927	Ft. per lb. ...
Grms. per m. ...	80·712	76·417	75·963	74·320	73·756	73·365	72·609	71·470	71·115	Grms. per m. ...
M. per kgm. ...	12·390	13·086	13·164	13·455	13·558	13·631	13·772	13·991	14·063	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	14·081	13·332	13·258	12·966	12·868	12·8	12·667	12·469	12·407	1000 A per □ in. .
200 A □ c/m. ...	18·168	17·202	17·100	16·730	16·604	16·515	16·344	16·088	16·008	200 A □ c/m. ...
1000 ⊙ mils. p. A.	17·929	16·975	16·874	16·509	16·384	16·297	16·129	15·876	15·797	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·57221	·60437	·60799	·621434	·62618	·62952	·63607	·64621	·64944	ω per 1000 ft. ...
ω per lb. ...	·010551	·011770	·011911	·012444	·012634	·012770	·013037	·013456	·013590	ω per lb. ...
ω per k/m. ...	1·8774	1·9829	1·9948	2·0388	2·0544	2·0654	2·0869	2·1201	2·1307	ω per k/m. ...
ω per k/grm ...	·023265	·025958	·026264	·027439	·027858	·028158	·028747	·029670	·029966	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...								25		10° C. = Amps. ...
Amps. per □ in. .								2005·0		Amps. per □ in. .
⊙ mils. per A. ...								640		⊙ mils. per A. ...
A. per □ c/m. ...								310·78		A. per □ c/m. ...
V. per 1000 ft. ...								17·7		V. per 1000 ft. ...
„ k/m. ...								58·1		„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	301	302	303	304	305	306	307	308	309	
DIAMETER.										DIAMETER.
Solid ⦶ ins. ...	·123	·1220	·120	·120	·1181	·116	·115	·1144	·1142	Solid ⦶ ins. ...
„ ⦶ m/m. ...	3·124	3·100	3·048	3·048	3·000	2·946	2·921	2·906	2·900	„ ⦶ m/m. ...
Cable ⦶ ins. ...	·140		·136				·130			Cable ⦶ ins. ...
„ ⦶ m/m. ...	3·56		3·45				3·30			„ ⦶ m/m. ...
AREA.										AREA.
□ ins.	·011816	·011690	·011404	·011309	·010955	·0105683	·010441	·010260	·010243	□ ins. ... ...
⊙ mils.	15045	14884	14520	14400	13948	13456	13294	13094	13042	⊙ mils. ... ...
□ c/m.	·076229	·075477	·073571	·072959	·070686	·068178	·067359	·066191	·066052	□ c/m. ... ...
⊙ m/m.	9·7061	9·6100	9·3674	9·2900	9·0000	8·6807	8·5764	8·4280	8·4100	⊙ m/m. ... ...
GAUGE.										GAUGE.
Gauge Name ...	B'm.	Met.	B.S.	B'm.	Met.	St'd.	Met.	B.S.	Met.	Gauge Name ...
„ No. ...	19/22	31	7/17	11	30	11	7/11	9	29	„ No. ...
WEIGHT.										WEIGHT.
Lbs. per 1000 ft....	45·511	45·024	43·928	43·560	42·193	40·704	40·214	39·609	39·452	Lbs. per 1000 ft....
Ft. per lb. ...	21·973	22·210	22·767	22·957	23·701	24·568	24·867	25·247	25·347	Ft. per lb. ...
Grms. per m. ...	67·729	67·004	65·366	64·826	62·791	60·574	59·846	58·946	58·712	Grms. per m. ...
M. per kgm. ...	14·765	14·924	15·298	15·426	15·926	16·509	16·710	16·965	17·032	M. per kgm. ...
CURRENT.										CURRENT.
1000 A per □ in. .	11·816	11·690	11·404	11·309	10·955	10·568	10·441	10·260	10·243	1000 A per □ in. .
200 A □ c/m. ...	15·246	15·088	14·714	14·592	14·135	13·574	13·472	13·238	13·216	200 A □ c/m. ...
1000 ⊙ mils. p. A.	15·045	14·884	14·520	14·400	13·948	13·456	13·294	13·094	13·042	1000 ⊙ mils. p. A.
RESISTANCE.										RESISTANCE.
ω per 1000 ft. ...	·68190	·68928	·70656	·71245	·73554	·76243	·77172	·783508	·78663	ω per 1000 ft. ...
ω per lb. ...	·014983	·015309	·016086	·016356	·017433	·018731	·019190	·019781	·019939	ω per lb. ...
ω per k/m. ...	2·2372	2·2615	2·3182	2·3375	2·4133	2·5015	2·5319	2·5706	2·5808	ω per k/m. ...
ω per k/grm ...	·033033	·033756	·035470	·036065	·038440	·041302	·042314	·043617	·043966	ω per k/grm ...
HEAT, CASED.										HEAT, CASED.
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT. BARE.										HEAT. BARE.
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	310	**311**	**312**	**313**	**314**	**315**	**316**	**317**	**318**	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·114	·112	·1102	·110	·109	·107	·107	·1063	·105	Solid ⦶ ins. ...
„ ⦶ m/m. ...	2·896	2·845	2·800	2·794	2·769	2·718	2·718	2·700	2·667	„ ⦶ m/m. ...
Cable ⦶ ins. ...		·126		·125		·121	·120		·118	Cable ⦶ ins. ...
„ ⦶ m/m. ...		3·20		3·17		3·07	3·04		3·00	„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·010207	·009795	·0095379	·009513	·0093313	·0090431	·0089	·0088750	·0086425	□ ins. ... ...
⊙ mils.	12996	12471	12144	12112	11881	11514	11332	11300	11004	⊙ mils. ... ...
□ c/m.	·065849	·063191	·061575	·061372	·060199	·058340	·057417	·057256	·055756	□ c/m. ... ...
⊙ m/m.	8·3842	8·0455	7·8400	7·8139	7·6649	7·4281	7·3106	7·2900	7·0991	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.	B'm.	Met.	B'm.	B'm.	B.S.	St'd.	Met.	Met.	Gauge Name ...
„ No. ...	11½	7/19	28	19/23	12	7/18	7/19	27	7/10	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	39·318	37·725	36·736	36·639	35·940	34·830	34·279	34·183	33·287	Lbs. per 1000 ft....
Ft. per lb. ...	25·437	26·508	27·221	27·293	27·824	28·711	29·172	29·254	30·042	Ft. per lb. ...
Grms. per m. ...	58·505	56·142	54·670	54·526	53·486	51·834	51·014	50·869	49·537	Grms. per m. ...
M. per kgm. ...	17·093	17·812	18·291	18·340	18·697	19·293	19·602	19·657	20·187	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	10·207	9·795	9·538	9·513	9·331	9·043	8·9	8·875	8·642	1000 A per □ in
200 A □ c/m. ...	13·170	12·638	12·306	12·274	12·040	11·668	11·483	11·451	11·151	200 A □ c/m. ...
1000 ⊙ mils. p. A.	12·996	12·471	12·144	12·112	11·881	11·514	11·332	11·300	11·004	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·78942	·82265	·84480	·84703	·86350	·89102	·90535	·90790	·93232	ω per 1000 ft. ...
ω per lb. ...	·020080	·021806	·022997	·023118	·024026	·025582	·026411	·026560	·028009	ω per lb. ...
ω per k/m. ...	2·5900	2·6990	2·7717	2·7790	2·8331	2·9233	2·9704	2·9787	3·0588	ω per k/m. ...
ω per k/grm ...	·044276	·048082	·050708	·050975	·052977	·056408	·058236	·058565	·061760	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...					20					10° C. = Amps. ...
Amps. per □ in. .					2143·3					Amps. per □ in. .
⊙ mils. per A. ...					590					⊙ mils. per A. ...
A. per □ c/m. ...					332·23					A. per □ c/m. ...
V. per 1000 ft. ...					18·9					V. per 1000 ft. ...
„ k/m. ...					62·1					„ k/m. ...
HEAT. BARE.										**HEAT. BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	319	320	321	322	323	324	325	326	327	
DIAMETER.										**DIAMETER.**
Solid Φ ins. ...	·104	·1024	·102	·1019	·10	0·984	·0957	·0950	·0945	Solid Φ ins. ...
„ Φ m/m. ...	2·642	2·600	2·591	2·588	2·540	2·500	2·431	2·413	2·400	„ Φ m/m. ...
Cable Φ ins. ...							·108			Cable Φ ins. ...
„ Φ m/m. ...							2·74			„ Φ m/m. ...
AREA.										**AREA.**
□ ins.	·00849488	·0082357	·0081713	·0081532	·007854	·0076050	·0072	·007088	·0070136	□ ins. ... ...
⊙ mils.	10816	10486	10404	10381	10000	9683	9167	9025	8930	⊙ mils. ... ...
□ c/m.	·054804	·053093	·052716	·052599	·050669	·049087	·046450	·045727	·045239	□ c/m. ... ...
⊙ m/m.	6·9779	6·7600	6·7120	6·6972	6·45187	6·2500	5·9142	5·8224	5·7600	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	St'd.	Met.	B'm.	B.S.		Met.	St'd.	B'm.	Met.	Gauge Name ...
„ No. ...	12	26	12½	10		25	7/20	13	24	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	32·718	31·720	31·472	31·403	30·250	29·291	27·730	27·301	27·013	Lbs. per 1000 ft....
Ft. per lb. ...	30·564	31·526	31·774	31·844	33·058	34·140	36·062	36·629	37·019	Ft. per lb. ...
Grms. per m. ...	48·690	47·205	46·836	46·734	45·018	43·591	41·267	40·629	40·200	Grms. per m. ...
M. per kgm. ...	20·538	21·184	21·351	21·398	22·213	22·941	24·232	24·613	24·875	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	8·495	8·236	8·171	8·153	7·854	7·605	7·2	7·088	7·014	1000 A per □ in. .
200 A □ c/m. ...	10·961	10·626	10·543	10·520	10·134	9·813	9·290	9·145	9·049	200 A □ c/m. ...
1000 ⊙ mils. p. A.	10·816	10·486	10·404	10·381	10·000	9·683	9·167	9·025	8·930	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	·94852	·97838	·98609	·988273	1·0259	1·0595	1·1191	1·1368	1·1489	ω per 1000 ft. ...
ω per lb. ...	·028990	·030844	·031332	·031471	·033914	·036172	·040357	·041640	·0425331	ω per lb. ...
ω per k/m. ...	3·1120	3·2100	3·2353	3·2424	3·3659	3·4761	3·6716	3·7297	3·7694	ω per k/m. ...
ω per k/grm ...	·063928	·068011	·069087	·069394	·074780	·079759	·088987	·091816	·093781	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...					28					5° C. Br. = A. ...
5° C. Bl. „ ...					30					5° C. Bl. „ ...
10° C. Br. „ ...					40					10° C. Br. „ ...
10° C. Bl. „ ...					42					10° C. Bl. „ ...
20° C. Br. „ ...					55					20° C. Br. „ ...
20° C. Bl. „ ...					57					20° C. Bl. „ ...
40° C. Br. „ ...					75					40° C. Br. „ ...
40° C. Bl. „ ...					78					40° C. Bl. „ ...

	328	**329**	**330**	**331**	**332**	**333**	**334**	**335**	**336**	
DIAMETER.										DIAMETER.
Solid ⌀ ins. ...	·094	·0931	·0920	·0907	·0906	·090	·0890	·088	·0866	Solid ⌀ ins. ...
„ ⌀ m/m. ...	2·388	2·365	2·337	2·304	2·300	2·286	2·261	2·235	2·200	„ ⌀ m/m. ...
Cable ⌀ ins. ...	·106	·105						·099		Cable ⌀ ins. ...
„ ⌀ m/m. ...	2·70	2·67						2·51		„ ⌀ m/m. ...
AREA.										AREA.
□ ins.	·0069775	·006802	·00664762	·0064670	·0064466	·006362	·006221	·0061	·0058905	□ ins. ... ...
⊙ mils.	8884	8661	8464	8234	8208	8100	7921	7767	7500	⊙ mils. ... ...
□ c/m.	·045014	·043882	·042887	·041721	·041548	·041044	·040134	·039353	·038018	□ c/m. ... ...
⊙ m/m.	5·7314	5·5875	5·4605	5·3120	5·2900	5·2256	5·1101	5·0106	4·8400	⊙ m/m. ... ...
GAUGE.										GAUGE.
Gauge Name ...	B.S. Met.	B'm.	St'd.	B.S.	Met.		B'm.	St'd.	Met.	Gauge Name ...
„ No. ...	7/19 7/9	7/20	18	11	23		13½	7/20½	22	„ No. ...
WEIGHT.										WEIGHT.
Lbs. per 1000 ft....	26·874	26·200	25·603	24·908	24·829	24·508	23·961	23·495	22·688	Lbs. per 1000 ft....
Ft. per lb. ...	37·211	38·168	39·057	40·148	40·276	40·816	41·734	42·562	44·076	Ft. per lb. ...
Grms. per m. ...	39·994	38·991	38·102	37·068	36·950	36·465	35·659	34·965	33·764	Grms. per m. ...
M. per kgm. ...	25·004	25·647	26·245	26·978	27·064	27·426	28·043	28·600	29·617	M. per kgm. ...
CURRENT.										CURRENT.
1000 A per □ in. .	6·977	6·802	6·648	6·467	6·447	6·362	6·221	6·1	5·890	1000 A per □ in. .
200 A □ c/m. ...	9·003	8·776	8·577	8·344	8·318	8·209	8·027	7·871	7·600	200 A □ c/m. ...
1000 ⊙ mils. p. A.	8·884	8·661	8·464	8·234	8·208	8·100	7·921	7·767	7·500	1000 ⊙ mils. p. A.
RESISTANCE.										RESISTANCE.
ω per 1000 ft. ...	1·1548	1·1845	1·2121	1·24596	1·2499	1·2666	1·2952	1·3209	1·3679	ω per 1000 ft. ...
ω per lb. ...	·042971	·045210	·047342	·050022	·050340	·051692	·054055	·056221	·060292	ω per lb. ...
ω per k/m. ...	3·7888	3·8862	3·9768	4·0880	4·1008	4·1556	4·2494	4·3337	4·4879	ω per k/m. ...
ω per k/grm ...	·094751	·099688	·10439	·11030	·11100	·11398	·11919	·12397	·13294	ω per k/grm ...
HEAT, CASED.										HEAT, CASED.
10° C. = Amps. ...						15				10° C. = Amps. ...
Amps. per □ in. .						2357·7				Amps. per □ in. .
⊙ mils. per A. ...						540				⊙ mils. per A. ...
A. per □ c/m. ...						365·46				A. per □ c/m. ...
V. per 1000 ft. ...						20·8				V. per 1000 ft. ...
„ k/m. ...						68·1				„ k/m. ...
HEAT, BARE.										HEAT, BARE.
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	337	338	339	340	341	342	343	344	345	
DIAMETER.										DIAMETER.
Solid ⦶ ins. ...	·085	·0851	·084	·0830	·0827	·0808	·080	·080	·079	Solid ⦶ ins. ...
„ ⦶ m/m. ...	2·159	2·162	2·134	2·108	2·100	2·052	2·032	2·032	2·007	„ ⦶ m/m. ...
Cable ⦶ ins. ...	·096	·096	·094					·090		Cable ⦶ ins. ...
„ ⦶ m/m. ...	2·44	2·44	2·40					2·28		„ ⦶ m/m. ...
AREA.										AREA.
□ ins.	·0057020	·005686	·0055237	·005410	·0053714	·0051287	·00502656	·0050	·0049017	□ ins. ... ...
⊙ mils.	7260	7240	7038	6889	6839	6530	6400	6366	6241	⊙ mils. ... ...
□ c/m.	·036786	·036682	·035685	·034902	·034636	·033087	·032429	·032257	·031623	□ c/m. ... ...
⊙ m/m.	4·6837	4·6708	4·5372	4·4443	4·4100	4·2127	4·1290	4·1079	4·0263	⊙ m/m. ... ...
GAUGE.										GAUGE.
Gauge Name ...	B.S.	St'd. B'm.	Met.	B'm.	Met.	B.S.	St'd.			Gauge Name ...
„ No. ...	7/20	7/21 7/21	7/8	14	21	12	14			„ No. ...
WEIGHT.										WEIGHT.
Lbs. per 1000 ft....	21·962	21·901	21·275	20·839	20·688	19·753	19·360	19·257	18·879	Lbs. per 1000 ft....
Ft. per lb. ...	45·533	45·662	47·004	47·987	48·337	50·625	51·653	51·929	52·969	Ft. per lb. ...
Grms. per m. ...	32·684	32·593	31·661	31·013	30·788	29·396	28·811	28·658	28·096	Grms. per m. ...
M. per kgm. ...	30·596	30·683	31·585	32·245	32·480	34·018	34·709	34·894	35·593	M. per kgm. ...
CURRENT.										CURRENT.
1000 A per □ in. .	5·702	5·686	5·524	5·410	5·371	5·129	5·027	5·0	4·902	1000 A per □ in. .
200 A □ c/m. ...	7·357	7·336	7·127	6·980	6·931	6·617	6·486	6·451	6·325	200 A □ c/m. ...
1000 ⊙ mils. p. A.	7·260	7·240	7·033	6·889	6·839	6·530	6·400	6·366	6·241	1000 ⊙ mils. p. A.
RESISTANCE.										RESISTANCE.
ω per 1000 ft. ...	1·4131	1·4170	1·4587	1·4892	1·5001	1·57109	1·6030	1·6115	1·6438	ω per 1000 ft. ...
ω per lb. ...	·064343	·064700	·068564	·071462	·072511	·079536.	·082799	·083684	·087070	ω per lb. ...
ω per k/m. ...	4·6362	4·6490	4·7858	4·8859	4·9217	5·1546	5·2593	5·2872	5·3931	ω per k/m. ...
ω per k/grm ...	·14188	·14266	·15118	·15757	·15989	·17538	·18257	·18452	·19199	ω per k/grm ...
HEAT, CASED.										HEAT, CASED.
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										HEAT, BARE.
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	346	347	348	349	350	351	352	353	354	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins. ...	·0787	·077	·076	·075	·0748	·0745	·073	·072	·0720	Solid ⌀ ins. ...
,, ⌀ m/m. ...	2·000	1·956	1·930	1·905	1·900	1·892	1·854	1·829	1·829	,, ⌀ m/m. ...
Cable ⌀ ins. ...			·085	·084		·084	·083			Cable ⌀ ins. ...
,, ⌀ m/m. ...			2·17	2·13		2·13	2·10			,, ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·0048648	·004656	·0045106	·0044	·0043948	·004358	·0042485	·00407151	·0040671	□ ins. ... ...
⊙ mils.	6194	5929	5743	5602	5595	5548	5403	5184	5178·4	⊙ mils. ... ...
□ c/m.	·031416	·030038	·029100	·028386	·028353	·028083	·027376	·026267	·026238	□ c/m. ... ...
⊙ m/m.	4·0000	3·8250	3·7050	3·6141	3·6100	3·5760	3·4357	3·3444	3·3408	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	B'm.	B.S.	St'd.	Met.	B'm.	Met.	St'd. B'm.	B.S.	Gauge Name ...
,, No. ...	20	14½	7/21	7/22	19	7/22	7/7	15 15	18	,, No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	18·737	17·935	17·373	16·946	16·925	16·768	16·344	15·682	15·664	Lbs. per 1000 ft....
Ft. per lb. ...	53·370	55·757	57·561	59·011	59·084	59·637	61·185	63·767	63·841	Ft. per lb. ...
Grms. per m. ...	27·884	26·691	25·854	25·219	25·188	24·954	24·323	23·337	23·311	Grms. per m. ...
M. per kgm. ...	35·862	37·466	38·678	39·653	39·702	40·073	41·114	42·849	42·898	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	4·865	4·656	4·511	4·4	4·394	4·358	4·243	4·071	4·067	1000 A per □ in
200 A □ c/m. ...	6·277	6·008	5·820	5·677	5·670	5·617	5·475	5·253	5·248	200 A □ c/m. ...
1000 ⊙ mils. p. A.	6·194	5·929	5·743	5·602	5·595	5·548	5·403	5·184	5·178	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	1·6563	1·7303	1·7864	1·8313	1·8336	1·8508	1·8988	1·9790	1·98131	ω per 1000 ft. ...
ω per lb. ...	·088397	·096476	·10283	·10807	·10834	·11038	·11618	·12620	·12649	ω per lb. ...
ω per k/m. ...	5·4342	5·6769	5·8610	6·0083	6·0159	6·0723	6·2292	6·4929	6·5004	ω per k/m. ...
ω per k/grm ...	·19492	·21278	·22674	·23829	·23889	·24339	·25618	·27827	·27891	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
,, k/m. ...										,, k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...	21									5° C. Br. = A. ...
5° C. Bl. ,, ...	23									5° C. Bl. ,, ...
10° C. Br. ,, ...	29									10° C. Br. ,, ...
10° C. Bl. ,, ...	31									10° C. Bl. ,, ...
20° C. Br. ,, ...	40									20° C. Br. ,, ...
20° C. Bl. ,, ...	44									20° C. Bl. ,, ...
40° C. Br. ,, ...	55									40° C. Br. ,, ...
40° C. Bl. ,, ...	59									40° C. Bl. ,, ...

	355	356	357	358	359	360	361	362	363	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·0709	·069	·068	·0669	·0665	·065	·0641	·064	·064	Solid ⦶ ins. ...
„ ⦶ m/m. ...	1·800	1·753	1·727	1·700	1·689	1·651	1·628	1·626	1·626	„ ⦶ m/m. ...
Cable ⦶ ins. ...					·075				·072	Cable ⦶ ins. ...
„ ⦶ m/m. ...					1·90				1·83	„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·0039482	·003739	·003631	·0035155	·003471	·0033188	·0032255	·00321699	·0032	□ ins. ... ...
⊙ mils.	5027	4761	4624	4476	4419	4225	4106·8	4096	4074	⊙ mils. ... ...
□ c/m.	·025447	·024122	·023425	·022698	·022392	·021408	·020809	·020754	·020644	□ c/m. ... ...
⊙ m/m.	3·2400	3·0715	2·9831	2·8900	2·8509	2·7257	2·6494	2·6426	2·6285	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.		B'm.	Met.	B'm.	B'm.	B.S.	St'd.	St'd.	Gauge Name ...
„ No. ...	18		15½	17	7/23	16	14	16	7/23	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	15·207	14·402	13·988	13·540	13·367	12·781	12·423	12·389	12·324	Lbs. per 1000 ft....
Ft. per lb. ...	65·759	69·435	71·490	73·855	74·811	78·241	80·496	80·717	81·142	Ft. per lb. ...
Grms. per m. ...	22·631	21·433	20·817	20·150	19·893	19·021	18·488	18·437	18·340	Grms. per m. ...
M. per kgm. ...	44·187	46·657	48·038	49·627	50·270	52·575	54·090	54·238	54·524	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	3·948	3·739	3·631	3·515	3·471	3·318	3·225	3·217	3·2	1000 A per □ in. .
200 A □ c/m. ...	5·087	4·824	4·685	4·536	4·478	4·282	4·162	4·151	4·129	200 A □ c/m. ...
1000 ⊙ mils. p. A.	5·027	4·761	4·624	4·476	4·419	4·225	4·107	4·096	4·074	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	2·0408	2·1549	2·2187	2·2921	2·3216	2·4282	2·49799	2·5047	2·5180	ω per 1000 ft. ...
ω per lb. ...	·13420	·14963	·15861	·16928	·17368	·18999	·20108	·20217	·20432	ω per lb. ...
ω per k/m. ...	6·6957	7·0700	7·2793	7·5202	7·6169	7·9667	8·1957	8·2177	8·2613	ω per k/m. ...
ω per k/grm ...	·29591	·32993	·34974	·37326	·38296	·41893	·44338	·44578	·45053	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...		10								10° C. = Amps. ...
Amps. per □ in. .		2674·5								Amps. per □ in. .
⊙ mils. per A. ...		480								⊙ mils. per A. ...
A. per □ c/m. ...		414·56								A. per □ c/m. ...
V. per 1000 ft. ...		23·7								V. per 1000 ft. ...
„ k/m. ...		77·7								„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	364	365	366	367	368	369	370	371	372	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·0630	·0591	·058	·0571	·056	·0551	·053	·0512	·0508	Solid ⦶ ins. ...
„ ⦶ m/m. ...	1·600	1·500	1·473	1·450	1·422	1·400	1·346	1·300	1·290	„ ⦶ m/m. ...
Cable ⦶ ins. ...							·060			Cable ⦶ ins. ...
„ ⦶ m/m. ...							1·54			„ ⦶ m/m. ...
AREA.										**AREA.**
☐ ins.	·0031172	·0027434	·002642	·0025578	·00246301	·0023845	·0022	·0020585	·0020286	☐ ins. ... ...
⊙ mils.	3969	3493	3364	3256·7	3136	3036	2801	2621	2582·9	⊙ mils. ... ...
☐ c/m.	·020106	·017671	·017044	·01650	·015890	·015394	·014193	·013278	·013087	☐ c/m. ... ...
⊙ m/m.	2·5600	2·2500	2·1702	2·1010	2·0232	1·9600	1·8073	1·6900	1·6663	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	Met.	B'm.	B.S.	St'd.	Met.	St'd.	Met.	B.S.	Gauge Name ...
„ No. ...	16	15	17	15	17	14	7/25	13	16	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	12·006	10·566	10·176	9·8515	9·4864	9·1839	8·4730	7·9285	7·8136	Lbs. per 1000 ft....
Ft. per lb. ...	83·292	94·643	98·270	101·51	105·41	108·89	118·02	126·13	127·98	Ft. per lb. ...
Grms. per m. ...	17·867	15·724	15·144	14·661	14·117	13·667	12·609	11·799	11·628	Grms. per m. ...
M. per kgm. ...	55·969	63·596	66·033	68·210	70·831	73·169	79·304	84·754	85·997	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per ☐ in. .	3·117	2·743	2·642	2·558	2·463	2·384	2·2	2·058	2·029	1000 A per ☐ in
200 A ☐ c/m. ...	4·022	3·540	3·409	3·300	3·178	3·077	2·839	2·656	2·617	200 A ☐ c/m. ...
1000 ⊙ mils. p. A.	3·969	3·493	3·364	3·257	3·136	3·036	2·801	2·621	2·583	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per { 1000 ft. ...	2·5848	2·9371	3·0497	3·14991	3·2715	3·3792	3·6621	3·9142	3·97183	ω per { 1000 ft. ...
lb. ...	·21529	·27798	·29970	·31974	·34486	·36795	·43221	·49368	·50832	lb. ...
k/m. ...	8·4805	9·6363	10·006	10·334	10·733	11·087	12·015	12·842	13·031	k/m. ...
k/grm ...	·47471	·61295	·66084	·70508	·76042	·81133	·95302	1·0886	1·1208	k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per ☐ in. .										Amps. per ☐ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per ☐ c/m. ...										A. per ☐ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT. BARE.										**HEAT. BARE.**
5° C. { Br. = A. ...										5° C. { Br. = A. ...
Bl. „ ...										Bl. „ ...
10° C. { Br. „ ...										10° C. { Br. „ ...
Bl. „ ...										Bl. „ ...
20° C. { Br. „ ...										20° C. { Br. „ ...
Bl. „ ...										Bl. „ ...
40° C. { Br. „ ...										40° C. { Br. „ ...
Bl. „ ...										Bl. „ ...

	373	374	375	376	377	378	379	380	381	
DIAMETER										**DIAMETER.**
Solid ⌀ ins. ..	·05	·049	·049	·048	·0472	·0452	·0433	·043	·042	Solid ⌀ ins. ...
„ ⌀ m/m. ...	1·270	1·245	1·245	1·219	1·200	1·150	1·100	1·092	1·067	„ ⌀ m/m. ...
Cable ⌀ ins. ...		·059							·051	Cable ⌀ ins. ...
„ ⌀ m/m. ...		1·50							1·29	„ ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·0019635	·0019	·001885	·00180956	·0017499	·0016087	·0014726	·001452	·0014	□ ins. ... ...
⊙ mils.	2500	2419	2401	2304	2228	2048·2	1875	1849	1782	⊙ mils. ... ...
□ c/m.	·012667	·012258	·012166	·011675	·011310	·010378	·0095033	·0093674	·0090819	□ c/m. ... ...
⊙ m/m.	1·6128	1·5606	1·5490	1·4864	1·4400	1·3214	1·2100	1·1929	1·1500	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...		St'd.	B'm.	St'd.	Met.	B.S.	Met.		St'd.	Gauge Name ...
„ No. ...		3/22	18	18	12	17	11		3/23	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	7·5625	7·3175	7·2630	6·9696	6·7397	6·1958	5·6719	5·5932	5·3905	Lbs. per 1000 ft....
Ft. per lb. ...	132·23	136·66	137·69	143·48	148·37	161·40	176·31	178·79	185·53	Ft. per lb. ...
Grms. per m. ...	11·254	10·890	10·809	10·372	10·030	9·2205	8·4409	8·3238	8·0221	Grms. per m. ...
M. per kgm. ...	88·853	91·830	92·522	96·412	99·698	108·45	118·47	120·14	124·67	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in.	1·963	1·9	1·885	1·810	1·750	1·609	1·473	1·452	1·4	1000 A per □ in. .
200 A □ c/m. ...	2·533	2·452	2·433	2·335	2·258	2·076	1·900	1·873	1·806	200 A □ c/m. ...
1000 ⊙ mils. p. A	2·500	2·419	2·401	2·304	2·228	2·048	1·875	1·849	1·782	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	4·1037	4·2409	4·2747	4·4528	4·6047	5·00940	5·4716	5·5485	5·7555	ω per 1000 ft. ...
ω per lb. ...	·54264	·57956	·58856	·63889	·68322	·80852	·96469	·99201	1·0677	ω per lb. ...
ω per k/m. ...	13·464	13·914	14·023	14·609	15·108	16·435	17·952	18·204	18·883	ω per k/m. ...
ω per k/grm ...	1·1965	1·2779	1·2978	1·4038	1·5065	1·7823	2·1271	2·1874	2·3543	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...								5		10° C. = Amps. ...
Amps. per □ in. .								3443·5		Amps. per □ in. .
⊙ mils. per A. ...								370		⊙ mils. per A. ...
A. per □ c/m. ...								533·77		A. per □ c/m. ...
V. per 1000 ft. ...								30·5		V. per 1000 ft. ...
„ k/m. ...								100		„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...	12									5° C. Br. = A. ...
5° C. Bl. „ ...	13									5° C. Bl. „ ...
10° C. Br. „ ...	17									10° C. Br. „ ...
10° C. Bl. „ ...	18									10° C. Bl. „ ...
20° C. Br. „ ...	23									20° C. Br. „ ...
20° C. Bl. „ ...	25									20° C. Bl. „ ...
40° C. Br. „ ...	30									40° C. Br. „ ...
40° C. Bl. „ ...	33									40° C. Bl. „ ...

	382	383	384	385	386	387	388	389	390	
DIAMETER.										**DIAMETER.**
Solid Φ ins. ...	·042	·0408	·040	·0394	·036	·0354	·035	·034	·032	Solid Φ ins. ...
„ Φ m/m. ...	1·067	1·024	1·016	1·000	·914	0·900	·889	·864	·813	„ Φ m/m. ...
Cable Φ ins. ...								·042		Cable Φ ins. ...
„ Φ m/m. ...								1·07		„ Φ m/m. ...
AREA.										**AREA.**
□ ins.	·0013854	·0012757	·00125664	·0012190	·00101787	·00098411	·0009621	·0009	·00080425	□ ins. ... ...
⊙ mils.	1764	1624·3	1600	1552	1296	1253	1225	1146	1024	⊙ mils. ... ...
□ c/m.	·0089377	·0082302	·0081077	·0078540	·0065668	·0063617	·0062069	·0058062	·0051886	□ c/m. ... ...
⊙ m/m.	1·1380	1·0479	1·0323	1·0000	·83611	·81000	·79029	·73926	·66063	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B'm.	B.S.	St'd.	Met.	St'd.	B.S. Met.	B'm.	St'd.	St'd. B'm. B.S	Gauge Name ...
„ No. ...	19	18	19	10	20	19 9	20	3/25	21 21 20	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	5·3361	4·9135	4·8400	4·6948	3·9204	3·7903	3·7056	3·4666	3·0976	Lbs. per 1000 ft....
Ft. per lb. ...	187·40	203·52	206·61	213·00	255·08	263·83	269·93	288·47	322·83	Ft. per lb. ...
Grms. per m. ...	7·9411	7·3122	7·2027	6·9868	5·8342	5·6407	5·5146	5·1590	4·6097	Grms. per m. ...
M. per kgm. ...	125·92	136·76	138·83	143·13	171·40	177·28	181·38	193·84	216·93	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	1·385	1·276	1·257	1·219	1·018	·984	·962	·9	·804	1000 A per □ in. .
200 A □ c/m. ...	1·788	1·646	1·622	1·573	1·313	1·270	1·241	1·161	1·038	200 A □ c/m. ...
1000 ⊙ mils. p. A.	1·764	1·624	1·600	1·552	1·296	1·253	1·225	1·146	1·024	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	5·8159	6·31728	6·4120	6·6103	7·9160	8·1877	8·3749	8·9530	10·019	ω per 1000 ft. ...
ω per lb. ...	1·0899	1·2857	1·3248	1·4080	2·0192	2·1602	2·2601	2·5826	3·2345	ω per lb. ...
ω per k/m. ...	19·082	20·726	21·037	21·688	25·972	26·863	27·478	29·374	32·871	ω per k/m. ...
ω per k/grm ...	2·4032	2·8350	2·9212	3·1046	4·4523	4·7632	4·9835	5·6946	7·1321	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT. BARE.										**HEAT. BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	391	392	393	394	395	396	397	398	399	
DIAMETER.										**DIAMETER.**
Solid Ф ins. ...	·0315	·0285	·028	·0276	·0253	·025	·024	·0236	·0226	Solid Ф ins. ...
„ Ф m/m. ...	·800	·724	·711	·700	·643	·635	·610	·600	·574	„ Ф m/m. ...
Cable Ф ins. ...										Cable Ф ins. ...
„ Ф m/m. ...										„ Ф m/m. ...
AREA.										**AREA.**
□ ins.	·00077912	·00063610	·00061575	·00059847	·00050431	·0004908	·00045239	·00043747	·00040008	□ ins. ... ...
⊙ mils.	992	809·9	784	762	642·1	625	576	557·0	509·4	⊙ mils. ... ...
□ c/m.	·0050266	·0041037	·0039725	·0038485	·0032535	·0031668	·0029186	·0028274	·0025811	□ c/m. ... ...
⊙ m/m.	·64000	·52250	·50580	·49000	·41424	·40321	·37161	·36000	·32863	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.	B.S.	St'd. B'm.	Met.	B.S.	B'm.	St'd.	Met.	B.S.	Gauge Name ...
„ No. ...	8	21	22 22	7	22	23	23	6	23	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	3·0008	2·4499	2·3716	2·3051	1·9424	1·8906	1·7424	1·6849	1·5409	Lbs. per 1000 ft....
Ft. per lb. ...	333·24	408·18	421·66	433·82	514·83	528·93	573·92	593·51	648·97	Ft. per lb. ...
Grms. per m. ...	4·4658	3·6459	3·5293	3·4304	2·8907	2·8136	2·5930	2·5075	2·2932	Grms. per m. ...
M. per kgm. ...	223·92	274·28	283·34	291·51	345·94	355·42	385·65	398·81	436·08	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	·779	·636	·616	·598	·504	·491	·452	·437	·400	1000 A per □ in. .
200 A □ c/m. ...	1·005	·821	·794	·772	·650	·633	·584	·564	·516	200 A □ c/m. ...
1000 ⊙ mils. p. A.	·992	·810	·784	·762	·642	·625	·576	·557	·509	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	10·342	12·6673	13·086	13·464	15·9751	16·415	17·811	18·419	20·140	ω per 1000 ft. ...
ω per lb. ...	3·4464	5·1705	5·5178	5·8410	8·2244	8·6824	10·222	10·932	13·070	ω per lb. ...
ω per k/m. ...	33·931	41·559	42·934	44·174	52·412	53·856	58·436	60·431	66·077	ω per k/m. ...
ω per k/grm ...	7·5993	11·401	12·167	12·879	18·135	19·145	22·540	24·105	28·819	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	400	401	402	403	404	405	406	407	408	
DIAMETER.										**DIAMETER.**
Solid ⌀ ins. ...	·022	·0201	·020	·0197	·018	·0179	·0164	·016	·0159	Solid ⌀ ins. ...
„ ⌀ m/m. ...	·559	·511	·508	·500	·457	·455	·417	·406	·404	„ ⌀ m/m. ...
Cable ⌀ ins. ...										Cable ⌀ ins. ...
„ ⌀ m/m. ...										„ ⌀ m/m. ...
AREA.										**AREA.**
□ ins.	·00038013	·00031730	·00031416	·00030481	·00025447	·00025164	·000211241	·000201	·00019957	□ ins. ... ...
⊙ mils.	484	404·0	400	388·1	324	320·4	268·96	256	254·1	⊙ mils. ... ...
□ c/m.	·0024525	·0020470	·0020268	·0019635	·0016417	·0016234	·0013628	·0012967	·0012875	□ c/m. ... ...
⊙ m/m.	·31226	·26063	·25806	·25000	·20903	·20670	·17352	·16516	·16393	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	St'd. B'm.	B.S.	St'd. B'm.	Met.	St'd. B'm.	B.S.	St'd.	B'm.	B.S.	Gauge Name ...
„ No. ...	24 24	24	25 25	5	26 26	25	27	27	26	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	1·4641	1·2221	1·2100	1·1740	·98010	·96921	·81360	·77440	·76865	Lbs. per 1000 ft....
Ft. per lb. ...	683·01	818·26	826·45	851·79	1020·3	1031·8	1229·1	1291·3	1301·0	Ft. per lb. ...
Grms. per m. ...	2·1788	1·8187	1·8007	1·7471	1·4585	1·4424	1·2108	1·1525	1·1439	Grms. per m. ...
M. per kgm. ...	458·95	549·84	555·84	572·37	685·60	693·32	825·90	867·70	874·22	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	·380	·317	·314	·305	·254	·2516	·2112	·201	·1996	1000 A per □ in. .
200 A □ c/m. ...	·514	·409	·405	·393	·328	·3247	·2726	·2593	·2575	200 A □ c/m. ...
1000 ⊙ mils. p. A.	·484	·404	·400	·388	·324	·3204	·2690	·256	·2541	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	21·197	25·394	25·648	26·485	31·664	32·020	38·145	40·075	40·375	ω per 1000 ft. ...
ω per lb. ...	14·478	20·780	21·197	22·517	32·307	33·037	46·884	51·750	52·527	ω per lb. ...
ω per k/m. ...	69·545	83·315	84·149	86·781	103·89	105·05	125·15	131·48	132·47	ω per k/m. ...
ω per k/grm ...	31·924	45·820	46·740	49·650	71·237	72·847	103·38	114·11	115·82	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	409	410	411	412	413	414	415	416	417	
DIAMETER.										**DIAMETER.**
Solid ⦶ ins. ...	·0157	·015	·0148	·0142	·014	·0136	·013	·0126	·0124	Solid ⦶ ins. ...
„ ⦶ m/m. ...	·400	·381	·376	·361	·356	·345	·330	·320	·315	„ ⦶ m/m. ...
Cable ⦶ ins. ...										Cable ⦶ ins. ...
„ ⦶ m/m. ...										„ ⦶ m/m. ...
AREA.										**AREA.**
□ ins.	·00019360	·0001767	·000172034	·00015810	·0001539	·000145267	·0001327	·00012472	·000120763	□ ins. ... ...
⊙ mils.	246·5	225	219·04	201·3	196	184·96	169·0	158·8	153·76	⊙ mils. ... ...
□ c/m.	·0012566	·0011399	·0011099	·0010200	·00099286	·00093722	·00085610	·00080462	·00077910	□ c/m. ... ...
⊙ m/m.	·16000	·14516	·14131	·12987	·12645	·11933	·10903	·10245	·099200	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	Met.		St'd.	B.S.	B'm.	St'd.	B'm.	B.S.	St'd.	Gauge Name ...
„ No. ...	4		28	27	28	29	29	28	30	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	·74566	·68062	·66260	·60893	·59290	·55950	·51123	·48037	·46512	Lbs. per 1000 ft....
Ft. per lb. ...	1341·1	1469·2	1509·2	1642·2	1686·6	1787·3	1956·1	2081·7	2150·0	Ft. per lb. ...
Grms. per m. ...	1·1097	1·0129	·98605	·90620	·88235	·83262	·76081	·71488	·69217	Grms. per m. ...
M. per kgm. ...	901·16	987·24	1014·1	1103·5	1133·3	1201·0	1314·4	1398·8	1444·7	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per □ in. .	·1936	·1767	·1720	·1581	·1539	·1453	·1327	·1247	·1208	1000 A per □ in
200 A □ c/m. ...	·2498	·2280	·2220	·2040	·1986	·1874	·1712	·1609	·1558	200 A □ c/m. ...
1000 ⊙ mils. p. A.	·2465	·225	·2190	·2013	·196	·1850	·1690	·1588	·1538	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	41·620	45·596	46·837	50·965	52·343	55·467	60·706	64·605	66·722	ω per 1000 ft. ...
ω per lb. ...	55·816	66·992	70·687	83·696	88·283	99·137	118·74	134·49	143·45	ω per lb. ...
ω per k/m. ...	136·55	149·60	153·67	167·21	171·73	181·98	199·17	211·96	218·91	ω per k/m. ...
ω per k/grm ...	123·07	147·72	155·86	184·55	194·66	218·60	261·82	296·55	316·31	ω per k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...		1								10° C. = Amps. ...
Amps. per □ in. .		5659·3								Amps. per □ in. .
⊙ mils. per A. ...		225								⊙ mils. per A. ...
A. per □ c/m. ...		877·27								A. per □ c/m. ...
V. per 1000 ft. ...		50·3								V. per 1000 ft. ...
„ k/m. ...		165								„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	418	419	420	421	422	423	424	425	426	
DIAMETER.										DIAMETER.
Solid ⌀ ins. ...	·012	·0118	·0116	·0112	·0108	·0100	·0100	·0092	·009	Solid ⌀ ins. ...
„ ⌀ m/m. ...	·305	·300	·295	·284	·274	·254	·254	·2337	·2286	„ ⌀ m/m. ...
Cable ⌀ ins. ...										Cable ⌀ ins. ...
„ ⌀ m/m. ...										„ ⌀ m/m. ...
AREA.										AREA.
□ ins.	·0001130	·00010933	·000105683	·000099432	·000091609	·000078776	·000078540	·000066476	·000063617	□ ins. ... ...
⊙ mils.	144·0	139·2	134·56	126·6	116·64	100·3	100·00	84·64	81·0	⊙ mils. ... ...
□ c/m.	·00072901	·00070686	·00068181	·00064147	·00059102	·00050821	·00050670	·00042887	·00041042	□ c/m. ... ...
⊙ m/m.	·092900	·090000	·086813	·081674	·075251	·064707	·064506	·054606	·052256	⊙ m/m. ... ...
GAUGE.										GAUGE.
Gauge Name ...	B'm.	Met.	Std.	B.S.	St'd.	B.S.	St'd. B'm.	St'd.	B'm.	Gauge Name ...
„ No. ...	30	3	31	29	32	30	33 31	34	32	„ No. ...
WEIGHT.										WEIGHT.
Lbs. per 1000 ft....	·43560	·42108	·40704	·38296	·35284	·30341	·30250	·25608	·24503	Lbs. per 1000 ft....
Ft. per lb. ...	2295·7	2374·8	2456·8	2611·2	2834·1	3295·9	3305·8	3905·7	4081·6	Ft. per lb. ...
Grms. per m. ...	·64826	·62665	·60574	·56992	·52508	·45153	·45017	·38102	·36465	Grms. per m. ...
M. per kgm. ...	1542·6	1595·8	1650·9	1754·6	1904·4	2214·7	2221·4	2624·5	2742·7	M. per kgm. ...
CURRENT.										CURRENT.
1000 A per □ in. .	·1130	·1093	·1057	·0994	·0916	·0788	·0785	·0665	·0636	1000 A per □ in. .
200 A □ c/m. ...	·1458	·1411	·1364	·1283	·1182	·1016	·1013	·0858	·0821	200 A □ c/m. ...
1000 ⊙ mils. p. A.	·1440	·1392	·1346	·1266	·1166	·1003	·1000	·0846	·0810	1000 ⊙ mils. p. A.
RESISTANCE.										RESISTANCE.
ω per 1000 ft. ...	71·245	73·701	76·243	81·037	87·957	102·285	102·59	121·21	126·66	ω per 1000 ft. ...
ω per lb. ...	163·56	175·03	187·31	211·61	249·28	337·12	339·14	473·42	516·92	ω per lb. ...
ω per k/m. ...	233·75	241·81	250·15	265·87	288·58	335·59	336·59	397·68	415·56	ω per k/m. ...
ω per k/grm ...	360·65	385·94	413·02	466·60	549·66	743·85	747·80	1043·9	1139·8	ω per k/grm ...
HEAT, CASED.										HEAT, CASED.
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										HEAT, BARE.
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

	427	428	429	430	431	432	433	434	435	
DIAMETER.										**DIAMETER.**
Solid ⊕ ins. ..	·0089	·0084	·008	·0079	·0079	·0076	·0071	·007	·0068	Solid ⊕ ins. ...
„ ⊕ m/m. ...	·2261	·2134	·2032	·2007	·2000	·1930	·1803	·1778	·1727	„ ⊕ m/m. ...
Cable ⊕ ins. ...										Cable ⊕ ins. ...
„ ⊕ m/m. ...										„ ⊕ m/m. ...
AREA.										**AREA.**
☐ ins.	·000062596	·000055418	·000050266	·000049637	·000049009	·000045365	·000039364	·000038485	·000036817	☐ ins. ... ...
⊙ mils.	79·7	70·56	64·0	63·20	62·4	57·76	50·12	49	46·24	⊙ mils. ... ...
☐ c/m.	·00040383	·00035752	·00032428	·00032023	·00031416	·00029267	·00025395	·00024828	·00023430	☐ c/m. ... ...
⊙ m/m.	·051417	·045522	·041289	·040778	·040000	·037264	·032334	·031612	·029832	⊙ m/m. ... ...
GAUGE.										**GAUGE.**
Gauge Name ...	B.S.	St'd.	B'm.	B.S.	Met.	St'd.	B.S.	B'm.	St'd.	Gauge Name ...
„ No. ...	31	35	33	32	2	36	33	34	37	„ No. ...
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft....	·24109	·21344	·19360	·19118	·18876	·17472	·15161	·14823	·13988	Lbs. per 1000 ft....
Ft. per lb. ...	4147·8	4685·2	5165·3	5230·7	5297·7	5723·4	6595·9	6746·3	7149·0	Ft. per lb. ...
Grms. per m. ...	·35879	·31763	·28811	·28451	·28091	·26001	·22562	·22060	·20816	Grms. per m. ...
M. per kgm. ...	2787·1	3148·3	3470·9	3514·8	3559·8	3845·9	4432·2	4533·2	4803·8	M. per kgm. ...
CURRENT.										**CURRENT.**
1000 A per ☐ in. .	·0626	·0554	·0503	·0496	·0490	·04536	·03936	·03848	·036332	1000 A per ☐ in. .
200 A ☐ c/m. ...	·0808	·0715	·0649	·0640	·0632	·05853	·05079	·04966	·04686	200 A ☐ c/m. ...
1000 ⊙ mils. p. A.	·0797	·0706	·0640	·0632	·0624	·05776	·05012	·049	·04624	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft. ...	128·659	145·39	160·30	162·38	164·41	177·62	204·69	209·37	221·87	ω per 1000 ft. ...
lb. ...	533·66	681·17	828·00	849·10	871·00	1016·6	1347·0	1412·5	1586·1	lb. ...
k/m. ...	422·12	477·01	525·93	532·59	539·41	582·75	671·57	686·92	727·93	k/m. ...
k/grm ...	1176·7	1502·0	1825·7	1872·3	1920·6	2241·6	2970·1	3114·6	3497·4	k/grm ...
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per ☐ in. .										Amps. per ☐ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per ☐ c/m. ...										A. per ☐ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A. ...										5° C. Br. = A. ...
Bl. „ ...										Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
Bl. „ ...										Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
Bl. „ ...										Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
Bl. „ ...										Bl. „ ..

	436	437	438	439	440	441	442	443	444	
DIAMETER										**DIAMETER**
Solid ⦶ ins.	·0063	·0060	·0056	·0052	·005	·0048	·0044	·0040	·0039	Solid ⦶ ins.
" ⦶ m/m.	·1600	·1524	·1422	·1321	·1270	·1219	·1118	·1016	·1000	" ⦶ m/m.
Cable ⦶ ins.										Cable ⦶ ins.
" ⦶ m/m.										" ⦶ m/m.
AREA.										**AREA.**
□ ins.	·000031173	·000028274	·000024717	·000021237	·000019635	·000018095	·000015205	·000012566	·000011938	□ ins.
⊙ mils.	39·69	36·00	31·47	27·04	25	23·04	19·36	16·00	15·2	⊙ mils.
□ c/m.	·00020111	·00018241	·00015946	·00013701	·00012667	·00011674	·000098097	·000081068	·00007854	□ c/m.
⊙ m/m.	·025605	·023225	·020302	·017445	·016128	·014864	·012490	·010322	·01000	⊙ m/m.
GAUGE.										**GAUGE.**
Gauge Name	B.S.	St'd.	B.S.	St'd.	B'm. B.S.	St'd.	St'd.	St'd. B'm.	Met.	Gauge Name
" No.	34	38	35	39	35 36	40	41	42 36	1	" No.
WEIGHT.										**WEIGHT.**
Lbs. per 1000 ft.	·12006	·10890	·095197	·081796	·075625	·069694	·058564	·048400	·045980	Lbs. per 1000 ft.
Ft. per lb.	8329·2	9182·7	10505	12226	13223	14348	17075	20661	21749	Ft. per lb.
Grms. per m.	·17867	·16206	·14167	·12173	·11254	·10372	·087152	·072027	·068427	Grms. per m.
M. per kgm.	5596·9	6170·4	7058·9	8215·3	8885·3	9641·2	11474	13883	14614	M. per kgm.
CURRENT.										**CURRENT.**
1000 A per □ in.	·03117	·02827	·02472	·02124	·01963	·01809	·01520	·01257	·01194	1000 A per □ in.
200 A □ c/m.	·04022	·03648	·03189	·02740	·02533	·02335	·01962	·01621	·01540	200 A □ c/m.
1000 ⊙ mils. p. A.	·03969	·03600	·03147	·02704	·025	·02307	·01936	·01600	·0152	1000 ⊙ mils. p. A.
RESISTANCE.										**RESISTANCE.**
ω per 1000 ft.	258·48	284·98	326·00	379·41	410·37	445·28	529·92	641·20	674·95	ω per 1000 ft.
ω per lb.	2152·9	2616·9	3424·5	4638·5	5426·4	6388·9	9048·6	13246	14679	ω per lb.
ω per k/m.	848·05	934·99	1069·6	1244·8	1346·4	1460·9	1738·6	2103·7	2214·4	ω per k/m.
ω per k/grm	4747·1	5770·3	7551·0	10228	11965	14088	19952	29207	32867	ω per k/grm
HEAT, CASED.										**HEAT, CASED.**
10° C. = Amps.										10° C. = Amps.
Amps. per □ in.										Amps. per □ in.
⊙ mils. per A.										⊙ mils. per A.
A. per □ c/m.										A. per □ c/m.
V. per 1000 ft.										V. per 1000 ft.
" k/m.										" k/m.
HEAT, BARE.										**HEAT, BARE.**
5° C. Br. = A.										5° C. Br. = A.
5° C. Bl. "										5° C. Bl. "
10° C. Br. "										10° C. Br. "
10° C. Bl. "										10° C. Bl. "
20° C. Br. "										20° C. Br. "
20° C. Bl. "										20° C. Bl. "
40° C. Br. "										40° C. Br "
40° C. Bl. "										40° C. Bl. "

	445	446	447	448	449	450	451	452		
DIAMETER										DIAMETER.
Solid ⌽ ins. ...	·0036	·0032	·0028	·0024	·0020	·0016	·0012	·0010		Solid ⌽ ins. ...
„ ⌽ m/m. ...	·0914	·0813	·0711	·0610	·0508	·0406	·0305	·0254		„ ⌽ m/m. ...
Cable ⌽ ins. ...										Cable ⌽ ins. ...
„ ⌽ m/m. ...										„ ⌽ m/m. ...
AREA.										AREA.
□ ins.	·000010179	·0000080425	·0000061575	·0000045239	·0000031416	·0000020106	·0000011310	·0000007854		□ ins. ... ...
⊙ mils.	12·96	10·24	7·84	5·76	4·00	2·56	1·44	1·00		⊙ mils. ... ...
□ c/m.	·000065668	·000051883	·000039725	·000029186	·000020271	·000012975	·000007296	·000005067		□ c/m. ... ...
⊙ m/m.	·008361	·006606	·005058	·003716	·002581	·001652	·0009290	·0006452		⊙ m/m. ... ...
GAUGE.										GAUGE.
Gauge Name ...	St'd.	St'd.	St'd.	St'd.	St'd.	St'd.	St'd.	St'd.		Gauge Name ...
„ No. ...	43	44	45	46	47	48	49	50		„ No. ...
WEIGHT.										WEIGHT.
Lbs. per 1000 ft....	·039204	·030976	·023716	·017424	·012100	·007744	·004356	·0030250		Lbs. per 1000 ft....
Ft. per lb. ...	25508	32283	42166	57392	82645	129130	229570	330580		Ft. per lb. ...
Grms. per m. ...	·058342	·046097	·035293	·025930	·018007	·011524	·0064824	·0045017		Grms. per m. ...
M. per kgm. ...	17140	21693	28334	38565	55534	86770	154261	222140		M. per kgm. ...
CURRENT.										CURRENT.
1000 A per □ in. .	·01018	·00804	·00616	·00452	·00314	·00201	·00113	·00079		1000 A per □ in. .
200 A □ c/m. ...	·01313	·01033	·00794	·00584	·00405	·00260	·00149	·00101		200 A □ c/m. ...
1000 ⊙ mils. p. A.	·01296	·01024	·00784	·00576	·00400	·00256	·00144	·00100		1000 ⊙ mils. p. A.
RESISTANCE.										RESISTANCE.
ω per 1000 ft. ...	791·60	1001·9	1308·6	1781·1	2564·8	4007·5	7124·5	10259		ω per 1000 ft. ...
ω per lb. ...	20192	32345	55178	102220	211970	517400	1635560	3391405		ω per lb. ...
ω per k/m. ...	2597·2	3287·1	4293·4	5843·6	8414·9	13148	23375	33659		ω per k/m. ...
ω per k/grm ...	44523	71321	121667	225395	467394	1140867	3606410	7478048		ω per k/grm ...
HEAT, CASED.										HEAT, CASED.
10° C. = Amps. ...										10° C. = Amps. ...
Amps. per □ in. .										Amps. per □ in. .
⊙ mils. per A. ...										⊙ mils. per A. ...
A. per □ c/m. ...										A. per □ c/m. ...
V. per 1000 ft. ...										V. per 1000 ft. ...
„ k/m. ...										„ k/m. ...
HEAT, BARE.										HEAT, BARE.
5° C. Br. = A. ...										5° C. Br. = A. ...
5° C. Bl. „ ...										5° C. Bl. „ ...
10° C. Br. „ ...										10° C. Br. „ ...
10° C. Bl. „ ...										10° C. Bl. „ ...
20° C. Br. „ ...										20° C. Br. „ ...
20° C. Bl. „ ...										20° C. Bl. „ ...
40° C. Br. „ ...										40° C. Br. „ ...
40° C. Bl. „ ...										40° C. Bl. „ ...

Extra figures calculated by Mr. Kennelly's Formula. showing allowable current in insulated wires laid in wood casing.

Column No. ...	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	Column No. ...
10° C. = Amps. ...	1903	1716	1525	1330	1133		908			710		678	612		10° C. = Amps. ...
Column No. ...	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	Column No. ...
10° C. = Amps. ...	560		518	518	514		478		451		449	439		420	10° C. = Amps. ...
Column No. ...	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	Column No. ...
10° C. = Amps. ...	418	409	405		395	391	385		365	364	362	356		348	10° C. = Amps. ...
Column No. ...	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	Column No. ...
10° C. = Amps. ...	346	341	334	333	328		303		294	293	287	281	280	280	10° C. = Amps. ...
Column No. ...	**57**	**58**	**59**	**60**	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**	Column No. ...
10° C. = Amps. ...		264	260	254		250	249	238	234	233	229	228		222	10° C. = Amps. ...
Column No. ...	**71**	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**80**	**81**	**82**	**83**	**84**	Column No. ...
10° C. = Amps. ...	218	215	205	203		198	196	194	189	186	186	182	177		10° C. = Amps. ...
Column No. ...	**85**	**86**	**87**	**88**	**89**	**90**	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	Column No. ...
10° C. = Amps. ...	175	175	174	171	169	165	165	165	163	161	159	155	151		10° C. = Amps. ...
Column No. ...	**99**	**100**	**101**	**102**	**103**	**104**	**105**	**106**	**107**	**108**	**109**	**110**	**111**	**112**	Column No. ...
10° C. = Amps. ...	148	146	144	142	142	142	141		138	138	138	138	136	134	10° C. = Amps. ...
Column No. ...	**113**	**114**	**115**	**116**	**117**	**118**	**119**	**120**	**121**	**122**	**123**	**124**	**125**	**126**	Column No. ...
10° C. = Amps. ...	132	132	131	130		128	127	126	124	123	123	123	122	120	10° C. = Amps. ...
Column No. ...	**127**	**128**	**129**	**130**	**131**	**132**	**133**	**134**	**135**	**136**	**137**	**138**	**139**	**140**	Column No. ...
10° C. = Amps. ...		119	119	118	118	117	116	116	115	114	114	112	111		10° C. = Amps. ...
Column No. ...	**141**	**142**	**143**	**144**	**145**	**146**	**147**	**148**	**149**	**150**	**151**	**152**	**153**	**154**	Column No. ...
10° C. = Amps. ...	110	108	106·5	105·7	104·6	103·7	103·3	102·7	100·9	100·8		99·9	99·9	99·9	10° C. = Amps. ...
Column No. ...	**155**	**156**	**157**	**158**	**159**	**160**	**161**	**162**	**163**	**164**	**165**	**166**	**167**	**168**	Column No. ...
10° C. = Amps. ...	99·0	97·6	97·1	95·3		93·5	92·0	91·6		89·8	89·7	88·0	87·4	87·1	10° C. = Amps. ...
Column No. ...	**169**	**170**	**171**	**172**	**173**	**174**	**175**	**176**	**177**	**178**	**179**	**180**	**181**	**182**	Column No. ...
10° C. = Amps. ...	86·3	85·6		84·7	84·5	83·8	83·8	82·7	81·6	81·2	81·0		79·3	77·5	10° C. = Amps. ...
Column No. ...	**183**	**184**	**185**	**186**	**187**	**188**	**189**	**190**	**191**	**192**	**193**	**194**	**195**	**196**	Column No. ...
10° C. = Amps. ...	75·9		74·2	74·1	73·8	73·2	72·5	72·1	71·2	70·8	70·4		69·1	68·7	10° C. = Amps. ...
Column No. ...	**197**	**198**	**199**	**200**	**201**	**202**	**203**	**204**	**205**	**206**	**207**	**208**	**209**	**210**	Column No. ...
10° C. = Amps. ...	67·9	67·5	67·1	65·9		64·3	62·7	62·6	61·5	61·1	59·7		59·5	59·3	10° C. = Amps. ...
Column No. ...	**211**	**212**	**213**	**214**	**215**	**216**	**217**	**218**	**219**	**220**	**221**	**222**	**223**	**224**	Column No. ...
10° C. = Amps. ...	58·2	58·0	57·8	56·4	56·2		55·0	54·9	54·6	54·3	54·3	53·9	53·4	53·1	10° C. = Amps. ...
Column No. ...	**225**	**226**	**227**	**228**	**229**	**230**	**231**	**232**	**233**	**234**	**235**	**236**	**237**	**238**	Column No. ...
10° C. = Amps. ...	51·9	51·7	51·2	50·4		49·7	49·7	48·9	47·4	47·1	47·5	47·1	46·7	46·7	10° C. = Amps. ...

Extra figures calculated by Mr. Kennelly's Formula, showing allowable current in insulated wires laid in wood casing.

Column No. ...	**239**	**240**	**241**	**242**	**243**	**244**	**245**	**246**	**247**	**248**	**249**	**250**	**251**	**252**	Column No. ...
10° C. = Amps. ...	46·7	46·0	46·0		44·5	44·5	43·4	43·2	42·8	42·0	41·7	41·7	41·3	41·3	10° C. = Amps. ...
Column No. ...	**253**	**254**	**255**	**256**	**257**	**258**	**259**	**260**	**261**	**262**	**263**	**264**	**265**	**266**	Column No. ...
10° C. = Amps. ...	40·6	40·4		40·3	39·6	39·6	39·0	38·6	37·7	37·5	36·5	36·3	35·8	35·5	10° C. = Amps. ...
Column No. ...	**267**	**268**	**269**	**270**	**271**	**272**	**273**	**274**	**275**	**276**	**277**	**278**	**279**	**280**	Column No. ...
10° C. = Amps. ...		35·0	34·8	34·5	34·5	33·8	33·8	33·7	33·2	32·5	32·4	32·2	31·9	31·6	10° C. = Amps. ...
Column No. ...	**281**	**282**	**283**	**284**	**285**	**286**	**287**	**288**	**289**	**290**	**291**	**292**	**293**	**294**	Column No. ...
10° C. = Amps. ...	31·1	30·7	30·6		29·9	29·6	29·6	28·6	28·1	27·8	27·5	27·4	26·2	26·2	10° C. = Amps. ...
Column No. ...	**295**	**296**	**297**	**298**	**299**	**300**	**301**	**302**	**303**	**304**	**305**	**306**	**307**	**308**	Column No. ...
10° C. = Amps. ...	25·8	25·6	25·6	25·3		25·0	24·2	23·9	23·8	23·3	22·7	22·1	21·8	21·7	10° C. = Amps. ...
Column No. ...	**309**	**310**	**311**	**312**	**313**	**314**	**315**	**316**	**317**	**318**	**319**	**320**	**321**	**322**	Column No. ...
10° C. = Amps. ...	21·6	21·6	21·0	20·5	20·4		19·6	19·6	19·4	19·0	18·8	18·4	18·2	18·2	10° C. = Amps. ...
Column No. ...	**323**	**324**	**325**	**326**	**327**	**328**	**329**	**330**	**331**	**332**	**333**	**334**	**335**	**336**	Column No. ...
10° C. = Amps. ...	17·7	17·3	16·6	16·4	16·3	16·1	15·9	15·6	15·3	15·3		14·9	14·6	14·3	10° C. = Amps. ...
Column No. ...	**337**	**338**	**339**	**340**	**341**	**342**	**343**	**344**	**345**	**346**	**347**	**348**	**349**	**350**	Column No. ...
10° C. = Amps. ...	13·9	13·9	13·6	13·4	13·3	12·9	12·7	12·7	12·4	12·4	12·0	11·7	11·5	11·5	10° C. = Amps. ...
Column No. ...	**351**	**352**	**353**	**354**	**355**	**356**	**357**	**358**	**359**	**360**	**361**	**362**	**363**	**364**	Column No. ...
10° C. = Amps. ...	11·4	11·0	10·8	10·8	10·6		9·93	9·69	9·60	9·28	9·09	9·07	9·07	8·85	10° C. = Amps. ...
Column No. ...	**365**	**366**	**367**	**368**	**369**	**370**	**371**	**372**	**373**	**374**	**375**	**376**	**377**	**378**	Column No. ...
10° C. = Amps. ...	8·04	7·82	7·64	7·42	7·24	6·83	6·49	6·41	6·26	6·07	6·07	5·89	5·74	5·38	10° C. = Amps. ...
Column No. ...	**379**	**380**	**381**	**382**	**383**	**384**	**385**	**386**	**387**	**388**	**389**	**390**	**391**	**392**	Column No. ...
10° C. = Amps. ...	5·05		4·82	4·82	4·53	4·48	4·38	3·82	3·78	3·66	3·51	3·20	3·13	2·69	10° C. = Amps. ...
Column No. ...	**393**	**394**	**395**	**396**	**397**	**398**	**399**	**400**	**401**	**402**	**403**	**404**	**405**	**406**	Column No. ...
10° C. = Amps. ...	2·62	2·57	2·25	2·21	2·08	2·03	1·90	1·83	1·60	1·58	1·55	1·35	1·34	1·18	10° C. = Amps. ...
Column No. ...	**407**	**408**	**409**	**410**	**411**	**412**	**413**	**414**	**415**	**416**	**417**	**418**	**419**	**420**	Column No. ...
10° C. = Amps. ...	1·13	1·12	1·10		1·01	·947	·927	·888	·830	·792	·778	·736	·718	·700	10° C. = Amps. ...
Column No. ...	**421**	**422**	**423**	**424**	**425**	**426**	**427**	**428**	**429**	**430**	**431**	**432**	**433**	**434**	Column No. ...
10° C. = Amps. ...	·664	·628	·560	·560	·494	·478	·470	·431	·401	·393	·393	·371	·335	·328	10° C. = Amps. ...
Column No. ...	**435**	**436**	**437**	**438**	**439**	**440**	**441**	**442**	**443**	**444**	**445**	**446**	**447**	**448**	Column No. ...
10° C. = Amps. ...	·314	·280	·260	·235	·210	·198	·186	·163	·142	·136	·121	·101	·083	·066	10° C. = Amps. ...
Column No. ...	**449**	**450**	**451**	**452**											Column No. ...
10° C. = Amps. ...	·050	·036	·023	·017											10° C. = Amps. ...

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